Paladin Tools®

30 YEARS

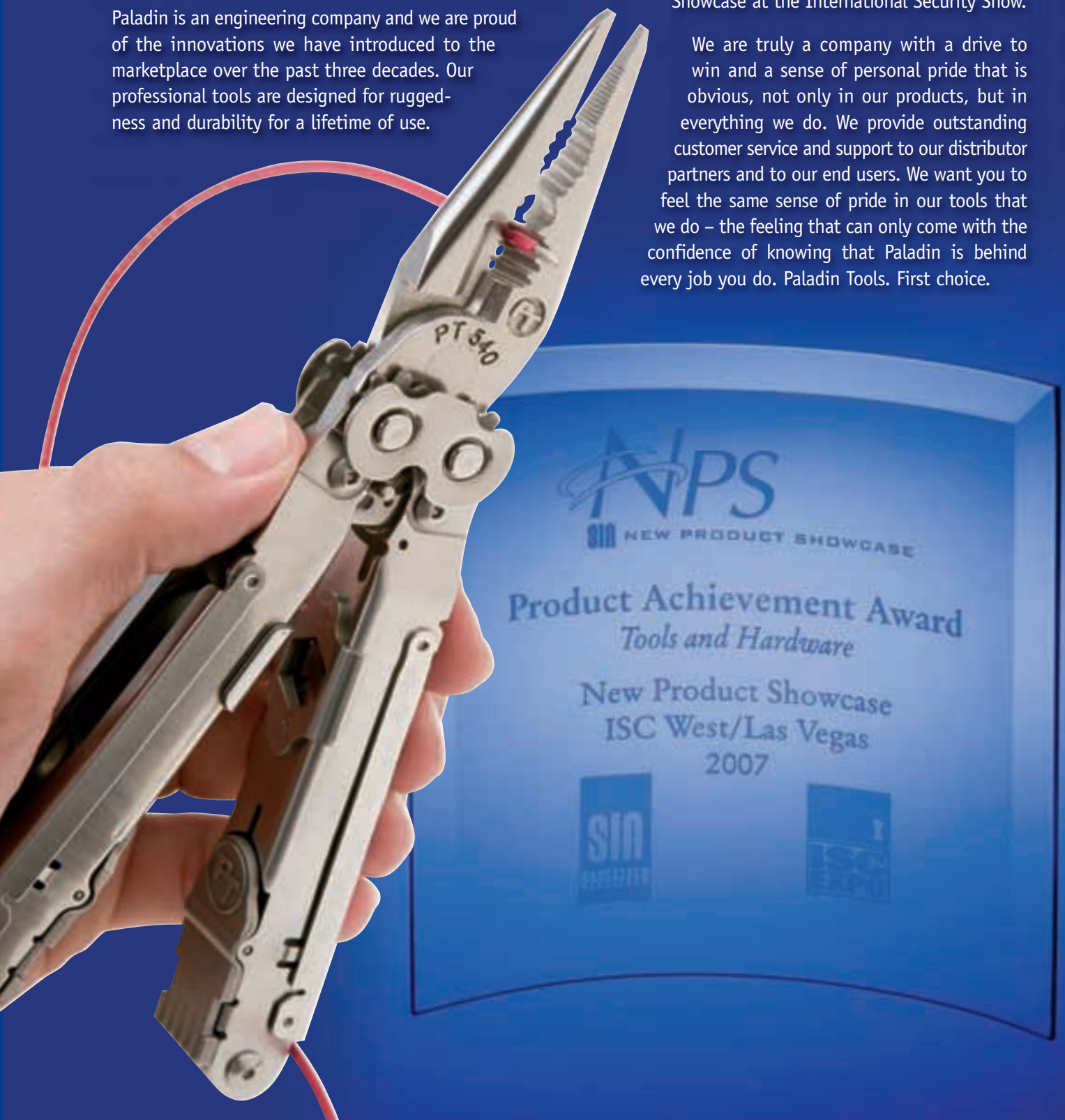
Paladin Tools®

Founded in November 1977, Paladin Tools is one of the pioneers in datacomm and broadcast tools and now we celebrate 30 Years of Innovations and Solutions! Our commitment to the highest standards of quality, service and dependability has made us successful over the years.

Paladin is an engineering company and we are proud of the innovations we have introduced to the marketplace over the past three decades. Our professional tools are designed for ruggedness and durability for a lifetime of use.

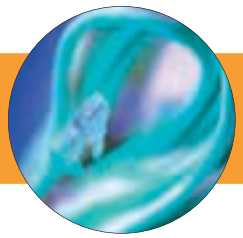
We are the leader in tool development for datacomm and broadcast professionals and we continue to deliver innovative solutions to today's installers. Our PowerPlay™ PT-540 multi-tool was recognized with a Product Achievement Award in the New Product Showcase at the International Security Show.

We are truly a company with a drive to win and a sense of personal pride that is obvious, not only in our products, but in everything we do. We provide outstanding customer service and support to our distributor partners and to our end users. We want you to feel the same sense of pride in our tools that we do – the feeling that can only come with the confidence of knowing that Paladin is behind every job you do. Paladin Tools. First choice.



Paladin Tools®

Locator Guide pages 1-3



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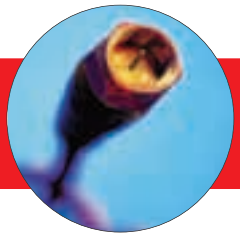

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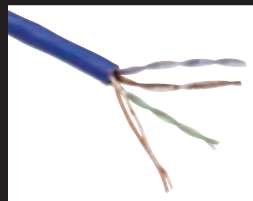
Data and Telephone Communications – Copper & Fiber Optic

Cable	Connectors	Cutters		Strippers	Crimpers
					
Round UTP/STP	RJ45 – 4-pair	pg. 13	pg. 49	pg. 14-15	pg. 28-29
Round Data	RJ45 – 25-pair	pg. 13-14	pg. 49	pg. 14-15	pg. 28-29
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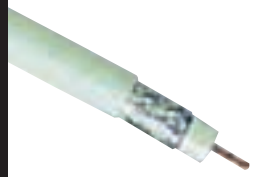
Broadcast, Communications, Radio, Video & Security

Cable	Connectors	Cutters	Strippers	Crimpers	Testers
					
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Electrical and Industrial Wiring

Cable	Connectors	Cutters	Strippers	Crimpers
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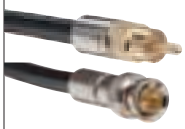
pg. 44-47	N/A				

Kits	Splitters & Accessories	Connectors
		
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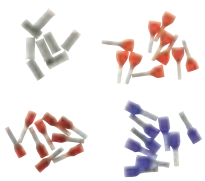
Utility Tools

Cable	Cutters	Slitters
500 MCM - 600 MCM	pg. 73	pg. 75

Paladin Tools®

Phone 800.272.8665

Int'l Phone 001.804.550.1121

Ferrules

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Other Tools

Desoldering Tools	Heat Guns	Cordless Screwdriver & Bits	Cable Tie Tools	Pneumatic Hand Tool Operator
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PT-540

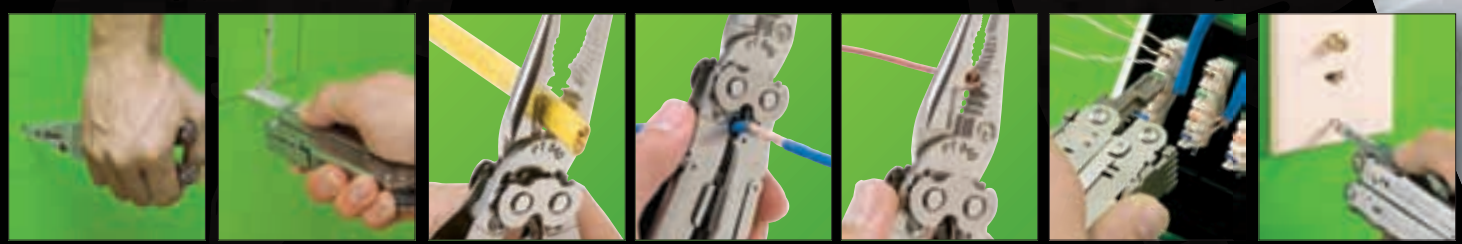
PowerPlay™ is beyond ordinary

ONE TOOL

...from start to finish.

PowerPlay does it all for you!

It's a complete tool kit that fits in your palm. Co-developed with legendary knife maker, SOG Specialty Knives, it is the only multi-tool designed for datacomm, telecom and electrical installations.



PowerPlay™ PT-540

ADVANTAGES

- Rough-in outlet boxes with drywall punch and saw
- Cut and strip Romex®, Cat5e & other low voltage wires/cables
- Terminate 110 & 66 blocks with punchdown tools
- Crimp terminal lugs for security & other low voltage
- Patented Compound Leverage™ Gear System delivers 2X the power for cutting & gripping
- Field-replaceable folding components
- Pivoting handle covers for comfortable, sure grip
- PowerLocks™ secure components in place while in use
- Effortless one-handed flip-open
- Bit adapter holds all ¼" bits

Beyond ordinary

New

30 TOOLS-IN-ONE

PowerPlay™ PT-540

LIMITED LifeTime WARRANTY

1 Drywall Punch
2 Needle Nose Pliers
3 Gripping Pliers
4 Large Romex® & Hard Wire Cutter
5 Pivoting Handle Cover
6 StopLock
7 SOG Knife - 1/2 Serrated Blade
8 Scissors
9 110 PDT Blade with 18/20/22/24 AWG Strippers
10 1/4" Socket Drive
11 PowerLocks™
12 7/16" & 3/8" Nut Drivers
13 66 PDT Blade
14 #1 Phillips Screwdriver
15 #4 Slotted Screwdriver
16 Bottle Cap Opener
17 Hook
18 Spudger
19 Drywall Saw
20 3-in-1 File
21 #6 Slotted Screwdriver
22 UTP & Round Cable Stripper
23 26-18 AWG Small Terminal Lug Crimper
24 12/14/16 AWG & Romex® Strippers
25 16-10 AWG Large Terminal Lug Crimper

TELECOM | DATACOMM | ELECTRICAL

Compound Leverage™ Gear System:

- Patented by SOG, it doubles the gripping and wire cutting power than all other multi-tool designs.
- The special geared design creates greater leverage and smoother handle movement than ordinary tools.
- Minimizes the amount of hand force required for maximum torque.
- Enables tool to be more compact in size.

Paladin Tools co-developed PowerPlay with legendary knife and tool maker SOG Specialty Knives to be the ultimate in quality and utility for wire and cable professionals.

1 Drywall Punch
2 Needle Nose Pliers
3 Gripping Pliers
4 Hard Wire Cutter Notch (up to 12 AWG Romex®)
5 Large Wire Cutter & Stripper
6 UTP & Round Cable Stripper
7 Pivoting Handle Cover
8 Drywall Saw
9 Spudger
10 Wire Hook
11 110 Punchdown with 24/22/20/18 AWG
12 ¼" Socket Drive and Hex Bit Adapter
13 PowerLocks
14 66 Punchdown with 24/22/20/18 AWG Strippers
15 #1 Phillips Screwdriver
16 #4 Slotted Screwdriver
17 Bottle Cap Opener
18 3-in-1 File
19 #6 Slotted Screwdriver
20 SOG Knife with ½ Serrated Blade
21 Ruler (on backside)

24
TOOLS-IN-ONE

LIMITED LifeTime WARRANTY

Bits not included

PowerPlay™ tools feature one-handed opening!

PowerPlay Multi-Tool Family	PT-540	PT-525	PT-510
110 Punchdown Tool	●	●	●
66 Punchdown Tool	●	●	
UTP Round Wire Stripper	●	●	
Extra Large Wire Cutter (up to 10 AWG Romex®)	●		
Large Wire Cutter (up to 12 AWG Romex®)		●	
Wire Cutter (up to Cat5e UTP cable)		●	●
Hard Wire Cutter Notch	●	●	●
18/20/22/24 AWG Wire Strippers	●	●	●
10 AWG Wire Stripper	●		
12 AWG Wire Stripper	●	●	
14 AWG Wire Stripper	●		
Needle Nose & Gripping Pliers	●	●	●
Drywall Punch	●	●	●
Drywall Saw	●	●	
24-18 AWG Lug Terminal Crimpers	●		
18-14 AWG Lug Terminal Crimpers	●		
Wire Hook & Spudger	●	●	
¼" Socket Drive & Hex Bit Adapter	●	●	
#4 & #6 Slotted Screwdrivers	●	●	●
#1 Philips Screwdriver	●	●	●
SOG Serrated Knife	●	●	●
3-in-1 File & Bottle Opener	●	●	●
7/16" & 3/8" Nut Drives	●		
Ruler & Lanyard	●	●	●
Pivoting Handle Covers	●	●	
PowerLocks™	●	●	

PowerPlay™ PT-540

New

30 Tools-In-One:

Technical	
Weight	10.4 oz. (295 g)
Length (closed)	5" (127 mm)
Length (open)	7.5" (191 mm)

Ordering	Part number
PowerPlay™ PT-540	6520

PowerPlay™ PT-525

24 Tools-In-One:

Technical	
Weight	9.6 oz. (272 g)
Length (closed)	4.75" (121 mm)
Length (open)	7" (178 mm)

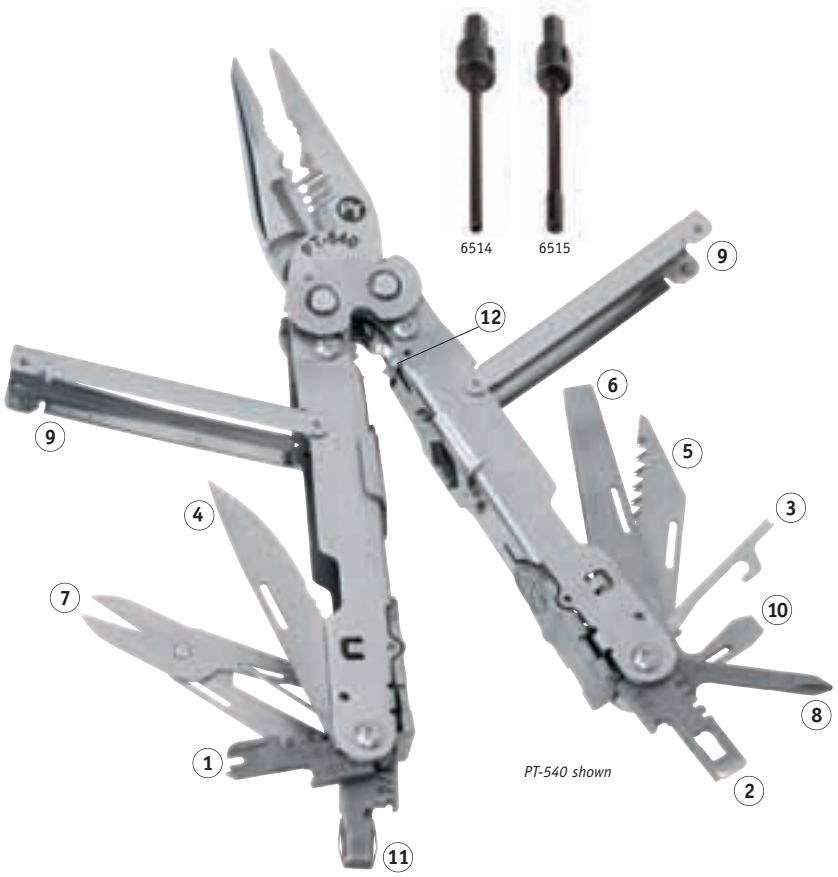
Ordering	Part number
PowerPlay™ PT-525	6510

PowerPlay™ PT-510

18 Tools-In-One:

Technical	
Weight	7.5 oz. (227 g)
Length (closed)	4.25" (114 mm)
Length (open)	6" (152 mm)

Ordering	Part number
PowerPlay™ PT-510	6500



PowerPlay™ PT-510

18 Tools-In-One:

- Needle Nose & Gripping Pliers
- 110 Punchdown Tool
- Romex® Wire Cutter
- #4 & #6 Slotted Screwdrivers
- #1 Phillips Screwdriver
- SOG Serrated Knife
- Drywall Punch
- 4 Wire Strippers - 18/20/22/24 AWG
- 3-in-1 File
- Bottle Opener
- Ruler
- Leather Sheath included
- Lifetime warranty

Technical	
Weight	7.5 oz. (227 g)
Length (closed)	4.25" (114 mm)
Length (open)	6" (152 mm)

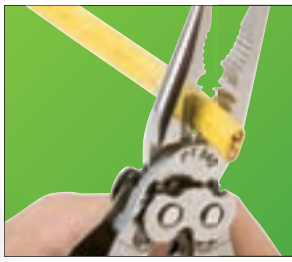
Ordering	Part number
PowerPlay™ PT-510	6500

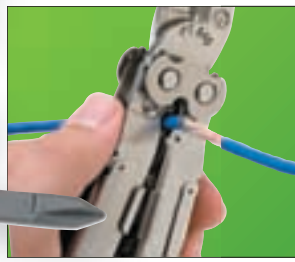
Replacement Parts

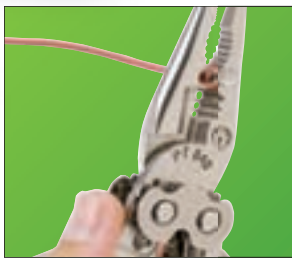
Ordering	Part Number
1. 110 Punchdown Blade with 18/20/22/24 AWG Strippers	6501
2. 66 Punchdown Blade with 18/20/22/24 AWG Strippers	6502
3. Wire Hook and Spudger	6503
4. SOG Knife with ½ Serrated Blade	6504
5. Drywall Saw	6505
6. 3-in-1 File/#6 Slotted Screwdriver	6506
7. Scissors	6507
8. #1 Phillips Screwdriver	6508
9. Replacement Handle Cover (1)	6509
10. #4 Slotted Screwdriver/Bottle Opener	6511
11. ¼" Drive	6512
12. StopLock™	6524
PT-510 Screw Set	6513
PT-525 Screw Set	6523
Telephone Unwrap Bit	6514
Telephone Wrap Bit	6515
¼" Socket Adapter	6516
PT-510 Leather Sheath	6518
PT-525 Leather Sheath	6517
PT-540 Leather Sheath	6519.3

Paladin Tools®
WEISS MOD. PLUGS
PATENTED
TWIN
Wear Eye
Protection

One tool from start to finish







PowerPlay™

TELECOM | DATACOMM | ELECTRICAL

It's a complete tool kit that fits in your palm!

The only multi-tool designed for datacomm, telecom and electrical installations.

- Rough-in outlet boxes with drywall punch and saw
- Cut and strip Romex®, Cat5e & other low voltage wires/cables
- Terminate 110 & 66 blocks with punchdown tools
- Crimp terminal lugs for security & other low voltage
- Patented Compound Leverage™ Gear System delivers 2X the power for cutting & gripping
- Field-replaceable folding components
- Pivoting handle covers for comfortable, sure grip
- PowerLocks™ secure components in place while in use
- Effortless one-handed flip-open

LIMITED LifeTime WARRANTY

PowerPlay™

TELECOM DATACOMM ELECTRICAL

New

PowerPlay™ PT-540

30 Tools-In-One:

TOOLS-IN-ONE 30

- Needle Nose and Gripping Pliers
- 110 and 66 Punchdown Tools
- UTP and Round Wire Stripper
- Extra Large Wire Cutter – up to 10 AWG Romex®
- Wire Cutter – up to Cat5e UTP cable
- 7 Wire Strippers - 10/12/14/18/20/22/24 AWG
- PowerLocks™ Secure Folding Components
- Drywall Punch and Saw
- Hard Wire Cutter Notch
- 24-18 AWG Lug Terminal Crimpers
- 18-14 AWG Lug Terminal Crimpers
- Wire Hook and Spudger
- #4 and #6 Slotted Screwdrivers
- #1 Phillips Screwdriver
- SOG Knife with ½ Serrated Blade
- 3-in-1 File and Bottle Opener
- 7/16" and 3/8" Nut Drivers
- Ruler and Lanyard
- Leather Sheath Included
- Lifetime warranty

Technical	
Weight	10.4 oz. (295 g)
Length (closed)	5" (127 mm)
Length (open)	7.5" (191 mm)

Ordering	Part number
PowerPlay™ PT-540	6520

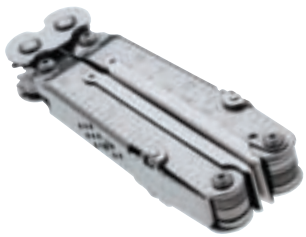
PowerPlay™ PT-525

24 Tools-In-One:

TOOLS-IN-ONE 24

- Needle Nose & Gripping Pliers
- 110 & 66 Punchdown Tools
- Romex® Wire Cutter
- UTP Stripper
- 6 Wire Strippers - 12/14/18/20/22/24 AWG
- Drywall Punch & Saw
- #4 & #6 Slotted Screwdrivers
- #1 Phillips Screwdriver
- 1/4" Square Drive with Hex Bit Adapter
- SOG Serrated Knife
- 3-in-1 File
- Wire Hook & Spudger
- Bottle Opener
- Ruler
- Leather Sheath included
- Lifetime warranty

Bits not included



Technical	
Weight	9.6 oz. (272 g)
Length (closed)	4.75" (121 mm)
Length (open)	7" (178 mm)

Ordering	Part number
PowerPlay™ PT-525	6510

1912

KT 35 Cutter

Cutter for stranded and flexible copper and aluminum cable up to 500MCM (240mm²) or diameter of 1.40" (35mm).

- Now with comfortable, non-slip rubber embedded handles
- Both blades are sharpened
- Hole in moving blade to hang tool on a peg
- Replaceable moving blade
- Hardened, precision cutting blades for long life
- Built-in safety release in all cutting positions
- Locking mechanism for transport safety
- Cut 100-pair telephone cable one handed!
- Not for use on steel, aluminum alloys, or hard-drawn copper cables
- Lifetime warranty

Maximum cable cutting capacity	
Copper	
Stranded & Flexible	500 MCM (240 mm²)
Aluminum	
Stranded & Flexible	500 MCM (240 mm²)
Telephone	
Data & Control	1.40" (35 mm) dia.

Technical	**Weight**	**Length**
KT 35	24 oz. (680 g)	10.4" (265 mm)

Ordering	**Part Number**
KT 35*	900256
Replacement moving blade	900258

**Do not use on live circuits.*

Datacomm Scissors & Knife Kit

The cable-splicing kit in a leather pouch is designed for cutting cable, telephone wire and stripping insulation.

- Leather pouch slotted to fit 2" (51 mm) belts
- Datacomm scissors feature an ergonomic design for the professional user
- Utility knife has a full-size, no-slip textured handle
- Knife designed to stay sharp and fit comfortably in your hand
- One-year warranty

Technical	**Weight/Dim**
Kit	8 oz. (228 g)
Knife	3 oz. (85 g)
Scissors	2 oz. (57 g)
Pouch	2 oz. (57 g)
Dimensions (in)	8.2" L x 2.5" W x 1.25" D
Dimensions (mm)	208 mm L x 64 mm W x 32 mm D

Ordering	**Part Number**
Knife & scissors in leather pouch	1912
Knife in leather pouch	1911
Knife only	1905
Leather pouch only	1906
Datacomm scissors	1925

Combo UTP/Coax SureStrip™

New The Combo UTP/Coax SureStrip™ is the perfect tool for smart home installations! Coax pre-set for 2-level compression "F", RCA & BNC & hex crimp cable TV "F" strips. Thumb screw adjusts stripping blade depth for UTP/STP insulations. Blade self regulates to prevent nicks.

Specifications:

- Professional all-in-one cutter/stripper for coaxial and twisted pair cables
- Cuts and strips multiple cable types:
  - Coax: RG6, RG6 Quad and RG59
  - Twisted Pair (UTP/STP): Cat6, Cat5e and Cat5

Features and Advantages:

- Easy-to-use combination cutter/stripper
- Adjustable stripping blade for UTP/STP; accommodates different insulation thicknesses without damaging conductors
- Self-regulating cassette blade prevents nicks
- Coax blade cassette is removable to adjust stripping depth of both blades with hex key included. *(Note: Hex key stores securely in bottom of tool)*
- Contoured finger grips for cutting power
- Lanyard hole for wrist strap, key chain, etc
- One-year warranty

Technical	
Weight	2.5 oz. (71 g)
Length	4.53" (115 mm)

Ordering	Part Number
Combo UTP/Coax SureStrip™	1119
Coax Blade Cassette	2119
UTP Cut/Strip Blade	2120

Data SureStrip™

This multi-purpose tool is a universal, easy-to-use cable cutter and stripper for data, telephone and network installations. It also works with standard wire and can be used with coaxial cable by adjusting the blade for various strip depths.

Specifications:

- Cuts and strips multiple cable types:
  - 4-, 6- and 8-conductor flat satin cables
  - 4-, 6- and 8-conductor UTP/STP data cables
  - 25-pair UTP/STP data and telephone cables
  - Multi-conductor round bundled cables with a maximum diameter of .5" (12.7 mm)
  - 14-8 AWG (2.5-75mm^2) wire
- Nylon reinforced ABS plastic with stainless steel blade

Features and Advantages:

- Fully adjustable with simple thumb screw
- Self-regulating to prevent nicking
- Contoured finger grips for power cutting
- Lanyard holes for wrist straps or key chains
- Small and compact, slips right into a pocket
- Works left or right handed
- One-year warranty

Technical	
Weight	2 oz. (57 g)
Length	4.53" (115 mm)

Ordering	Part Number
Data SureStrip™	1116

Punchdown Stripper

Combine two frequent operations with this inexpensive and handy tool. Strips twisted-pair UTP/STP data cables and wires and terminates wires into 110 blocks. Easy to find in tool belt or box in bright Paladin Tools orange! Use on UTP/STP data cable, multi-pair cable, hook-up wire and more.

- Self-regulating strip depth
- Fast and easy to use
- Great for CAT-5, CAT-5e, and CAT-6 data cable
- Built-in 110 punchdown (punch only)
- One-year warranty

Technical	
Weight	2 oz. (57 g)
Length	4" (102 mm)

Ordering	Part Number
Punchdown stripper	1913

Non-Impact Punchdown Tools with Fixed Blades

Terminates and cuts telephone and data wire into various types of terminating panels.

- Non-impact, low-cost punchdown tools for 110, 66 & BIX.
- Works with 28-22 AWG (.08 - .5 mm^2)
- Solid or stranded, single insulation wire
- Comfortable rubber handle grip
- Performs both cut and punch functions
- Perfect for small jobs and the do-it-yourself installer
- Fits in the palm of your hand
- Typically lower in cost than replacement blades for punchdown tools
- One-year warranty

Technical	
Weight	3 oz. (86 g)
Length	4" (102 mm)

Ordering	Part Number
110 Punchdown Tool	3580
66 Punchdown Tool	3581
New BIX™ Punchdown Tool	3582

GripPack Quick-Release Tool Holster

The rugged GripPack Quick-Release Tool Holster is the first choice for data and voice professionals! We designed it with the specific needs of installers in mind.

Not only does it hold all of the essential tools you use constantly throughout the day, but we added these cool features to the holster itself:

- Easy-on, easy off with new quick-release belt clip
- Belt clip swivels so the holster moves with you and the tools stay out of your way
- Form fitted PVC material ensures that tools don't fall out - even if you drop your kit or they are upside down

The holster was molded to specifically hold the following Paladin Tools:

- Data SureStrip® UTP/STP & flat satin phone cutter/stripper
- Datacomm scissors with serrated blades & ergonomic handles
- Punchdown tool - either the ergonomic SurePunch® ***Pro*** or the original SurePunch® PDT - both terminate cable with a single punch!
- Mini-MagLite® or SurePunch® ***Pro*** detachable LED to light your way
- Sharpie® marker

Be ready for your cabling tasks of the day and Get a Grip by checking out the full assortment of kits.

4941

4941

4942

4943

4944

GripPack Kits

These GripPack kits are the premium choice for today's cabling professionals. Each contains the tools you need to install or maintain data and voice patch panels and outlets. We offer kitted versions or the holster is available separately to hold the Paladin Tools you already have.

Kits Contain:

Description	Model	Quick Reference	4941	4942	4943	4944
GripPack Tool Holster	4940	pg. 16	●	●	●	●
Data SureStrip® UTP/STP & flat satin cutter/stripper	1116	pg. 14	●	●	●	●
Datacomm scissors	1925	pg. 13	●	●	●	●
Reversible 110/66 blade	4571	pg. 20	●	●	●	●
SurePunch® ***Pro*** PDT punchdown tool handle	3589	pg. 19	●	●		
SurePunch® PDT punchdown tool handle	3570	pg. 20			●	●
SurePunch® Pro detachable LED light & batteries	4599	pg. 19		●		
MagLite® with 2 AA batteries	N/A	N/A	●		●	
Black Sharpie® pen	N/A	N/A	●		●	

Technical

Dimensions (in) fully loaded	8.25" H x 2.8" W x 3.43" D
Dimensions (mm) fully loaded	210 H x 72 W x 87 D

Ordering	Weight	Part Number
GripPack Tool Holster	15 oz. (428 g)	4940
GripPack SurePunch® ***Pro*** Technician's Kit	30.4 oz. (862 g)	4941
GripPack SurePunch® ***Pro*** Installer's Kit	27.2 oz. (771 g)	4942
GripPack SurePunch® Technician's Kit	31.2 oz. (885 g)	4943
GripPack SurePunch® Installer's Kit	27.2 oz. (771 g)	4944

Faster network installations, reduced hand fatigue and labor costs!

SurePunch™ *Pro* Impact Termination Tool with Double 110 Blade

solutions

SurePunch™ *Pro* Punchdown Tool

Faster network installations, reduced hand fatigue and labor costs!

We introduced the SurePunch® Pro with the first and only detachable LED light to eliminate working in the dark. We now bring you the reversible Double-110/110 punchdown blade so you terminate pairs with each punch, not a single conductor. It is a twist-&-lock-style blade and works with standard 110 jacks and panels with .150" center spacing.

Features and Advantages:

- Terminate cable in a single punch – including 23AWG Cat6
- Detachable light with long-life LED specially designed to focus the light on the panel work area
- Luminous intensity of the LED is 2200 mcd
- Finger grips and non-slip rubber-embedded cushioned handle for comfort
- Multi-use spudger that can be used as a screwdriver or an IDC contact insertion tool
- Hook to feed wires through holes
- Pick to separate bonded twisted pair cables or to strip insulation and cut wire
- Adjustable HI/LO spring compression for all cable types.
  LO= 27.5 lbs (122 N), HI= 37.5 lbs (167 N)
- Uses all twist-and-lock style blades
- Blade storage area in end of handle with comfortable latch cover
- Lifetime warranty on tool
- One-year warranty on blades and light

Ordering/Description	Part Number
Tools with lights	
SurePunch *Pro* PDT handle (no blade) and light	3590
SurePunch *Pro* PDT with Double 110 blade & light	3584
SurePunch *Pro* PDT with 110 & 66 reversible cut & punch/punch-only blades & light	3587
SurePunch *Pro* PDT with 110/66 combination cut-only blade & light	3588
SurePunch *Pro* PDT with 110 reversible cut & punch/punch-only blade & light	3596
SurePunch *Pro* PDT with 66 reversible cut & punch/punch-only blade & light	3597
SurePunch *Pro* PDT with BIX™ cut-only (scissors-type) blade & light	3598
SurePunch *Pro* PDT with Krone LSA cut-only (scissors-type) blade & light	3599

Ordering/Description	Part Number
Tools without lights	
SurePunch *Pro* PDT handle (no blade)	3589
SurePunch *Pro* PDT with Double 110 blade	3585
SurePunch *Pro* PDT with 110 & 66 reversible cut & punch/punch-only blades	3586
SurePunch *Pro* PDT with 110/66 combination cut-only blade	3591
SurePunch *Pro* PDT with 110 reversible cut & punch/punch-only blade	3592
SurePunch *Pro* PDT with 66 reversible cut & punch/punch-only blade	3593
SurePunch *Pro* PDT with BIX™ cut-only (scissors-type) blade	3594
SurePunch *Pro* PDT with Krone LSA (scissors-type) blade	3595

Ordering/Description	Part Number
SurePunch Pro detachable light and batteries	4599

See page 20 for individual blades

SurePunch® Punchdown Tools

Terminates and cuts telephone wire and data cable into a variety of termination panels including 66, 88, 108, 109, 110, BIX™ and Krone® LSA for insulation displacement (IDC) type bifurcated terminals. Paladin's SurePunch™ PDT is engineered with:

- Cushion grip, molded to the shape of your hand, for comfort and a sure, non-slip hold
- Increased HI/LO impact force to meet demands of new cable types and AWG sizes: LO= 30 lbs (133 N), HI= 40 lbs (178 N)
- For 28-22 AWG (0.08 - 0.34 mm^2), solid or stranded wire
- Uses all twist-and-lock style blades
- Cushioned heel for comfort in the palm of your hand
- New latch cover blade storage area in end of handle
- Lanyard holes in end
- Lifetime warranty on tool, one-year warranty on blades

Technical	Weight	Length
Tool only	7 oz. (200 g)	7" (196 mm)
Tool with blade	8.5 oz. (242 g)	8" (203 mm)

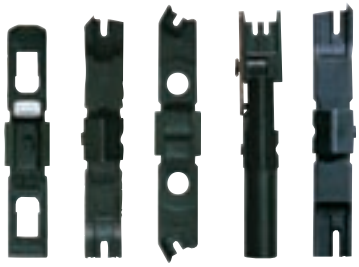
Tools with Blades:

Ordering	Part Number
SurePunch PDT handle (no blade)	3570
SurePunch PDT with 110/66 combination cut-only blade	3571
SurePunch PDT with 110 reversible cut & punch/punch-only blade	3572
SurePunch PDT with 66 reversible cut & punch/punch-only blade	3573
SurePunch PDT with BIX™ cut-only (scissors type) blade	3574
SurePunch PDT with Krone® LSA (scissors type) blade	3575
SurePunch PDT with Double - 110 blade	3576
SurePunch PDT with both 110 and 66 reversible cut & punch/punch-only blades	3579

Blades/Components only:

SurePunch 110/66 combination cut-only blade	4571
SurePunch 110 reversible blade	4572
SurePunch 66 reversible blade	4573
SurePunch BIX™ cut-only blade	4574
SurePunch Krone® LSA cut-only blade	4575
SurePunch Double - 110 blade	4591
SurePunch PDT nylon belt pouch	3578
New Telephone Unwrap Bit	6514
New Telephone Wrap Bit	6515

3528



4527 4528 4529 4530 4531

Impact Punchdown Tools

Standard impact punchdown tool for terminating AWG 28-24 (.08 - .34 mm²) telephone cables into 66- 88-, 108-, 109-, 110-, 630A6- BIX™- and Krone®-type bifurcated terminals.

- Standard impact compression design
- Adjustable HI/LO settings for compression force
- Impact force: HI= 35 lbs. (110 N), LO= 25 lbs. (155 N)
- Reversible clip-in blades (except BIX & Krone)
- Punches down with or without cut function (except BIX & Krone)
- Spare blade stores in handle of tool (except BIX & Krone)
- Impact handle and blades available separately
- Leather holster available to attach to belt
- Lifetime warranty on tool and one-year on blades

Technical	Weight	Length
Tool only	5 oz. (142 g)	6.2" (158 mm)
Tool with blade	6 oz. (170 g)	7.2" (183 mm)

Tools with Blades:

Ordering	Part Number
Impact punchdown (tool handle only)	3526
Impact punchdown w/66 blade	3527
Impact punchdown w/110 blade	3528
Impact punchdown w/630 blade	3535
Impact punchdown w/BIX™-type blade	3536
Impact punchdown w/Krone™-type blade	3532

Blades only:

Ordering	Part Number
Replacement 66 blade	4527
Replacement 110 blade	4528
Replacement 630 blade	4529
Replacement BIX™-type blade	4530
Replacement Krone®-type blade	4531
Replacement Krone®-LSA plus blade	4535

Leather holster	3526.2

ProPunch™ 110 Multi-pair Punchdown

Terminates and cuts up to five pairs of data/voice cable at the same time! We designed it to perform over 30,000 cycle punches and to terminate most 23 AWG cable pairs in one punch!

This tool delivers more than one and a half times the force of other multi-punchdown tools on the market today. The rugged "no-slip" handle fits comfortably in your hand with the handle end contoured to the heel of your hand.

- Fewer punches saves time
- Smooth operation and rugged, comfortable handle absorbs punch recoil
- Terminates 28-22 AWG (.08 - .34 mm²) solid or stranded wires with single insulation
- Cut and punch blade cassette or switch blades for punch only
- Designed to work with 23 AWG CAT 6 cable
- Lifetime warranty

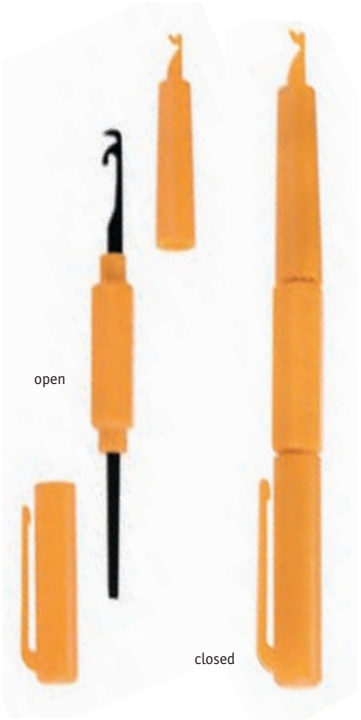
Technical	Weight	Dimensions
Tool w/head	15.5 oz. (400 g)	10.3" L x 1.5" W x 2" D 261 mm L x 39 mm W x 52 mm D
Head only	3.5 oz. (102 g)	

Tools with Blades:

Ordering	Part Number
ProPunch 110 with 5-pair head	3560
ProPunch 110 with 4-pair head	3561

Replacement Heads & Blade Cassettes:

Ordering	Part Number
Replacement 5-pair head	4560
Replacement 4-pair head	4561
Replacement 5-pair blade cassette	4562
Replacement 4-pair blade cassette	4563



Pocket Probe Pick

Probe pick for pulling wire, slicing, stripping cable and cleaning debris off terminal panels. Small and lightweight—pen-sized with clip for carrying in pocket.

- Spudger tip
- Wire hook
- Wire stripper and slitting tooth
- Non-conductive scraping tip
- One-year warranty

Technical	
Weight	3 oz. (86 g)
Length	6.5" (166 mm)

Ordering	Part Number
Pocket probe pick	1915

Untwist Tool

This tool untwists twisted-pair wires in all standard non-bonded communications cables.

- Saves time by quickly and easily straightening and separating individual conductors
- Designed with a flat tip to insert between pairs and round edge to pull cable through
- Will not nick insulation or conductors
- Handy tool can be attached to your key ring through the lanyard hole
- One-year warranty

Technical	
Weight	1.2 oz. (34 g)
Length	3.6" (91.5 mm)

Ordering	Part Number
Untwist Tool	1923

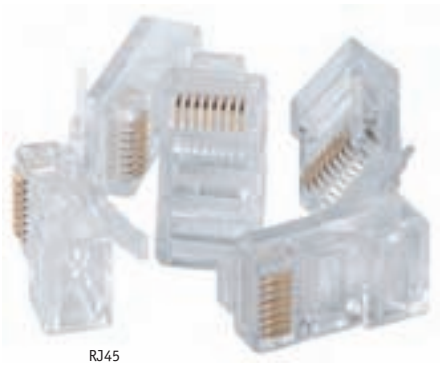
Can Wrench

Telephone termination panel tool for wire stripping of 22/4 and 24/4 telephone cable.

- Strips PVC insulation
- Strips outer jacket of AWG 22/4 and 24/4 telephone cable
- Strips insulation of AWG 22 (.34 mm^2) and AWG 24 (.20 mm^2) wire
- 3/8" (9.5mm) and 7/16" (11mm) hex sockets for accessing panels
- Durable shock-resistant design
- One-year warranty

Technical	
Weight	5 oz. (140 g)
Length	7.87" (200 mm)

Ordering	Part Number
Can wrench	1900



RJ45

RJ11

Modular Plug Connectors

RJ45

- RJ45 8-conductor modular plugs
- 50 micron gold plating
- Meets or exceeds EIA/TIA specifications

WE/SS-Style 8P8C

Cable Type	10 Pack	50 Pack	100 Pack
Cat5e, Solid or Stranded Round, Flat or Oval	9546	9655	9549
Cat5e, Cat5 with Liner Solid, Round	9535	N/A	N/A
Cat3, Stranded, Round	9521	N/A	N/A

AMP-Style 8P8C

Cable Type	10 Pack	50 Pack	
Cat5e, Stranded, Round	9544	N/A	N/A

RJ11

- RJ11 6-conductor modular plugs
- For use with stranded wire
- 50 micron gold plating

WE/SS-Style 6P6C

Cable Type	10 Pack	50 Pack
Solid or Stranded Round, Flat or Oval	9520	9654

FIBERFISH 3' Rod Kit 1765

FIBERFISH Rod Kits

The FIBERFISH (3/16" rods) are non-conductive fiberglass available in 3' or 6' sections designed especially for retrofits. Rods screw together to make longer lengths for fishing wire in existing walls and attics or across drop ceilings or under carpet. Each rod includes a bullnose tip – other attachments sold separately.

- Simple to use for both beginners & professionals
- Comes in clear tube for easy storage
- Made in USA, One-year warranty

Ordering	Weight	Part Number
FIBERFISH 6' Rod kit (5 rods)	1.6 lbs. (713 g)	1752
FIBERFISH 3' Rod kit (8 rods)	1.2 lbs. (570 g)	1765

Wire Reel holder

This holder allows you to pull cable easily and safely from a durable, lightweight frame. It handles multiple spools up to 26" (66 cm) in diameter. The crossbar sits 19" (48 cm) from the floor. Folds flat for easy storage and transport.

Technical	
Weight	9 lbs. (4100 g)
Dimensions	31" W x 25" L x 2" D (79 cm x 64 cm x 5 cm)

Ordering	Part Number
Wire reel holder	1756

CrimpALL® Series Crimpers

The 8000 Series CrimpALL® was designed with user satisfaction in mind. This world-class crimp tool is designed for superior comfort and ease of use. It is an exceptional value and uses the same die sets as our 1300 Series crimpers.

Features:

- Ultra-smooth, fully ratcheting crimp cycle
- Built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Soft, rubber-embedded handles
- Long-lasting tool that delivers over 50,000 crimp cycles
- Rugged, double-plated jaw design to increase life span
- Lifetime warranty on tool; one-year on die sets

Advantages:

- Angled head to prevent awkward wrist bending during operation
- Reduced handle grip distance makes it easy for both small and large hands
- Higher crimp force produced with less hand force so hand doesn't tire as quickly
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the CrimpALL does the work!
- Manufactured using the newest fine blanking technologies
- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required

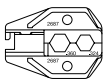
Technical	Weight	Length
CrimpALL® tool frame	21 oz. (600 g)	9.84" (250 mm)
Die set	2 oz. (57 g)	

Ordering	Part Number
CrimpALL® tool frame	8000
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	8000.9

The first crimp tool with a double-plated jaw design for longer life span

Comfortable to use for any size hand.

Ultra-smooth triple ratchet design makes this tool a dream to use.

	Part Numbers	Description	Crimp Style (28-22 AWG/.08-.34mm²)	Manufacturers
	Tool & Die: 8030 **Die Only: 2061**	RJ45 - 8P8C (8 Pin)	Flat/Round, Solid/Stranded/ RJ45 Unkeyed WE and SS	Western Electric (WE) Stewart Connector (SS)
	Tool & Die: 8031 **Die Only: 2062**	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/ RJ11/RJ12 Unkeyed WE and SS	Western Electric (WE) Stewart Connector (SS)
	Tool & Die: 8032 **Die Only: 2063**	RJ22, Handset 4P4C (4 Pin)	Flat/Round, Solid/Stranded/ 4 Pin Handset WE and SS	Western Electric (WE) Stewart Connector (SS)
	Tool & Die: 8033 **Die Only: 2064**	RJ45 - 8P8C (8 Pin)	Flat/Round, Solid/Stranded/ RJ45 Unkeyed AMP	AMP (Tyco) Inc. Connectors Only
	Tool & Die: 8034 **Die Only: 2065**	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/ RJ11/RJ12 Unkeyed AMP	AMP (Tyco) Inc. Connectors Only
	Tool & Die: 8035 **Die Only: 2067**	RJ11 DEC-MMJ OFFSET (6P6C)	Flat/Round, Solid/Stranded/ RJ11 DEC-MMJ OFFSET	AMP (Tyco) Inc. Connectors Only
	Tool & Die: 8036 **Die Only: 2068**	RJ50 - 10P10C (10 Pin)	Flat/Round, Solid/Stranded/ RJ50 Unkeyed WE and SS	Virginia Plastics (VP)
	Tool & Die: 8038 **Die Only: 2032**	British Telecom 6 Pole Plug	Flat/Round, Solid/Stranded/ BT 6 Pole	British Telecom Plugs Only
	Tool & Die: 8040 **Die Only: 2670**	SHIELDED RJ45, Stewart Connector, Short Body	Round, Shielded (STP), RJ45 STP Stewart Connector, Short Body	Stewart Connector
	Tool & Die: 8041 **Die Only: 2671**	SHIELDED RJ45, Hirose Connectors, Long Body	Round, Shielded (STP), RJ45 STP Hirose Connectors, Long Body	Hirose
	Tool & Die: 8042 **Die Only: 2672**	SHIELDED RJ45, Hirose Connectors, Short Body	Round, Shielded (STP), RJ45 STP Hirose Connectors, Short Body	Hirose
	Tool & Die: 8043 **Die Only: 2673**	SHIELDED RJ45, Molex Connectors, for 5.0 dia. Cable	5.0mm Dia. Round, Shielded (STP), RJ45 STP Molex Connectors, 5.0mm dia cable	Molex
	Tool & Die: 8044 **Die Only: 2674**	SHIELDED RJ45, AMP/Molex Connectors, for 6.0 dia. Cable	6.0mm Dia. Round, Shielded (STP), RJ45 STP AMP & Molex, 6.0mm dia cable	AMP (Tyco) Inc. & Molex
	**Tool & Die: 8045** **Die Only: 2687**	RJ45 WE/SS & RG6/RG6 Quad CATV "F"	UTP 4-Pair & RG6/RG6 Quad Coax RJ45 WE/SS 8-pin & .360"(9.1mm) HEX/.324"(8.2mm) HEX	For Standard RJ45 WE/SS Modular Plugs and RG6/RG6 QS Hex-Crimp CATV "F"

Easy to grip even when fully open.

Fully ratcheting action and built-in safety release.

1300 Series Crimpers

Paladin's 1300 Series is the original interchangeable-die crimping system – all the rest are mere copies of our innovation. It continues to be the answer for precision-crimping at an affordable price with over 50 die sets available for the most popular connectors. See crimp chart for specific connector and crimp dimensions.

Features:

- Fully-ratcheting cycle with built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Easy to use and maintain
- Available as complete tool with die set inserted or separate tool frame and individual die sets
- Lifetime warranty on tool; one-year on die sets.

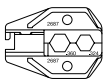
Advantages:

- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required
- Most precise and tightest tolerances on die sets in the industry
- Six ratchet gear settings for optimum crimp performance (see page for 105 for additional details)

Technical	Weight	Length
Crimp tool frame	10.4 oz (296 g)	8.9" (225 mm)
Die set	2 oz. (57 g)	

Ordering	Part Number
Crimp tool frame	1302
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	1300.9
1300 crimp case	901013

Patented Combination die for RJ45 and Cable TV Hex-Crimp connectors

	Part Numbers	Description	Crimp Style (28-22 AWG/.08-.34mm²)	Manufacturers
	Tool & Die: 1307 **Die Only: 2061**	RJ45 - 8P8C (8 Pin)	Flat/Round, Solid/Stranded/ RJ45 Unkeyed WE and SS	Western Electric (WE) Stewart Connector (SS)
	Tool & Die: 1340 **Die Only: 2062**	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/ RJ11/RJ12 Unkeyed WE and SS	Western Electric (WE) Stewart Connector (SS)
	Tool & Die: 1341 **Die Only: 2063**	RJ22, Handset 4P4C (4 Pin)	Flat/Round, Solid/Stranded/ 4 Pin Handset WE and SS	Western Electric (WE) Stewart Connector (SS)
	Tool & Die: 1342 **Die Only: 2064**	RJ45 - 8P8C (8 Pin)	Flat/Round, Solid/Stranded/ RJ45 Unkeyed AMP	AMP (Tyco) Inc. Connectors Only
	Tool & Die: 1343 **Die Only: 2065**	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/ RJ11/RJ12 Unkeyed AMP	AMP (Tyco) Inc. Connectors Only
	Tool & Die: 1344 **Die Only: 2067**	RJ11 DEC-MMJ OFFSET (6P6C)	Flat/Round, Solid/Stranded/ RJ11 DEC-MMJ OFFSET	AMP (Tyco) Inc. Connectors Only
	Tool & Die: 1345 **Die Only: 2068**	RJ50 - 10P10C (10 Pin)	Flat/Round, Solid/Stranded/ RJ50 Unkeyed WE and SS	Virginia Plastics (VP)
	Tool & Die: 1361 **Die Only: 2032**	British Telecom 6 Pole Plug	Flat/Round, Solid/Stranded/ BT 6 Pole	British Telecom Plugs Only
	Tool & Die: 1370 **Die Only: 2670**	SHIELDED RJ45, Stewart Connector, Short Body	Round, Shielded (STP), RJ45 STP Stewart Connector, Short Body	Stewart Connector
	Tool & Die: 1371 **Die Only: 2671**	SHIELDED RJ45, Hirose Connectors, Long Body	Round, Shielded (STP), RJ45 STP Hirose Connectors, Long Body	Hirose
	Tool & Die: 1372 **Die Only: 2672**	SHIELDED RJ45, Hirose Connectors, Short Body	Round, Shielded (STP), RJ45 STP Hirose Connectors, Short Body	Hirose
	Tool & Die: 1373 **Die Only: 2673**	SHIELDED RJ45, Molex Connectors	5.0mm Dia. Round, Shielded (STP), RJ45 STP Molex Connectors	Molex
	Tool & Die: 1374 **Die Only: 2674**	SHIELDED RJ45, AMP/Molex Connectors	6.0mm Dia. Round, Shielded (STP), RJ45 STP AMP & Molex	AMP (Tyco) Inc. & Molex
	**Tool & Die: 1387** **Die Only: 2687**	RJ45 WE/SS & RG6/RG6 Quad CATV "F"	UTP 4-Pair & RG6/RG6 Quad RJ45 WE/SS 8-pin & .360"(9.1mm) HEX/.324"(8.2mm) HEX	For Standard RJ45 WE/SS Modular Plugs and RG6/RG6 QS Hex-Crimp CATV "F"

1302

All-in-One Ultra Telephone Tools

Our best all-in-one tool! Ultra-professional all-in-one crimping tools for AMP (Tyco) or Western Electric (WE)/ Stewart Stamping (SS)-type, 4-, 6- and 8-position modular plugs.

- 4 crimp functions with a single tool without changing dies
- Crimps 4-position RJ22 handset
- Crimps 4- and 6-position RJ11/RJ12 connectors
- Crimps 8-position RJ45 (non-keyed)
- Embedded cable cutter and stripper
- Crimps 28-24 AWG (.08 - .20 mm²) telephone and data cables
- Advanced ratchet system
- Precision die-cast aluminum head
- Crimps 6-position RJ11-DEC offset type connectors (P/N 901014)
- Lifetime warranty

Technical

Weight	19 oz. (525 g)
Length	8.07" (205 mm)

Ordering	**Part number**
All-in-One Ultra Telephone Tool AMP (Tyco)	901014
All-in-One Ultra Telephone Tool (WE/SS)	901016
Replacement blade kit	2530

All-in-One Pro Telephone Tools

Does everything from CAT-3 to CAT-5e! All-in-one crimping tool for Western Electric (WE)/ Stewart Stamping (SS) and AMP (Tyco) type, 4-, 6- and 8-position modular telephone plugs.

- Crimps 4-position RJ22 connectors
- Crimps 4- and 6-position RJ11/RJ12 connectors
- Crimps 8-position RJ45 (non-keyed) connectors
- Embedded cable cutter and stripper
- Crimps 28-24 AWG (.08 - .20 mm²) telephone and data cables
- Comfortable rubber-embedded handles
- Built-in safety ratchet release
- Lifetime warranty

Technical

Weight	19 oz. (525 g)
Length	8.07" (205 mm)

Ordering	**Part number**
All-in-One Pro Telephone Tool (WE/SS)	1530R
All-in-One Pro Telephone Tool AMP (Tyco)	1540
Replacement blade kit	2530

All-in-One Phone & Data Tools

Our original Economy All-in-One tool taken to the next level! The new tool now crimps modular plugs for data and voice – including handset plugs. It also cuts & strips round and flat communications cables. Available for Western Electric (WE)/Stewart-Stamping (SS) or AMP-style connectors.

- 3 crimp profiles & 3 cutting/stripping functions without changing tools or die sets
- Crimps RJ45, RJ11/12 & RJ22 modular plugs
- Easy terminations with advanced ratchet mechanism
- Comfortable, rubber-embedded handles
- Lifetime warranty

Technical	
Weight	19 oz (525 g)
Length	8.07" (205 mm)

Ordering	**Part number**
All-in-One Phone & Data Tool (WE/SS)	1556
All-in-One Phone & Data Tool (AMP)	1557
Replacement blade kit	Call factory

Network Tool Bundle

This new bundle provides the perfect solution for DIYers that want to use professional tools or for small contractors just starting out installing networks. It includes everything you need but the cable to get the job done. Individual warranties apply to each tool.

Bundle contains:

Description	**Model**
Data SureStrip® UTP/STP & flat satin cutter/stripper	1116
All-in-One Phone & Data Tool	1556
Non-impact 110 punchdown	3580
10, RJ45 Cat5e plugs	9546
10, RJ11 plugs	9520

Technical	
Weight	18.4 oz. (39 g)
Length (in)	9.86" H x 9.25" W x 1.52" D
Length (mm)	250 mm H x 235 mm W x 38.6 mm D

Ordering	**Part number**
Network Tools Bundle	4909

LAN ProNavigator™ Tester & Remote

If you're a technician on the go, you need the LAN ProNavigator™ from Paladin Tools! Two-piece tester includes main unit and remote with test results at both ends.

Features:

- One-button, simple testing (PASS/FAIL or fault find)
- Traces wires with tone & remote lights
- Quick fault analysis on coax & data cables
- CAT-5, CAT-5e or CAT-6* (UTP/STP) cable testing
- Detects Opens, Shorts, Crossed Wires & Split Pairs
- Compact & lightweight, comfortable to hold
- Test status lights at both ends (main unit & remote)

Specifications:

- Simple PASS/FAIL test results in one second allows technicians to quickly move on to the next test site.
- Generates oscillating audio tone for use with tone probes to locate cables.
- Tests data and telephone cables up to 320 feet (100 meters) for proper pairing for EIA/TIA-568A, EIA/TIA-568B, Token Ring, 10 Base T, and common Category 5 configurations.
- Tests unshielded UTP and shielded STP data cable.
- Detects good connections, open connections, crossed wires and split pairs.
- Tests common BNC connected 50 and 75 ohm coaxial cables up to 320 feet (100 meters) for continuity.
- Tests coaxial cable types RG58, RG59, RG6, RG6 Quad, Belden 8281, RG8, RG11 and more.
- Belt clips provided and lanyard holes embedded in case to attach to belt or wrist.
- Features low battery test and auto-off function to preserve battery life.
- Includes standard 9-volt dc battery.
- One-year warranty

Technical	Main	Remote	Kit
Weight	8 oz. (228 g)	2 oz. (57 g)	2.5 lbs. (1140 g)
Dimensions	3.45" x 2.9" x 1.85"	3.45" x 1.6" x 0.9"	8.5" x 7.6" x 3"
	88mm x 74mm x 47mm	87mm x 41mm x 24mm	216 mm x 193mm x 76mm

Ordering	Part Number
LAN ProNavigator™ test set (main & remote), 2 RJ45 patch cords, 2 belt clips, 12 oz.(342 g)	1543
LAN ProNavigator™ replacement remote unit with belt clip	1544
LAN ProNavigator™ test set (main & remote), 2 RJ45 patch cords, 2 BNC coaxial cables, 2 CATV "F"-to-BNC adapters, 1 BNC/BNC adapter, 1 shielded RJ45 coupler, 2 belt clips in durable case	901066
Adapter, CATV "F" (female) to BNC (male)	901074
Adapter, RCA (female) to BNC (male)	9718

** May not be compatible with CAT-6 flat or oval cable, or bonded cable.*

SoHo Cable-Check™

New This new Cable-Check™ is a combination tester designed for smart home installations to test continuity of twisted pair network and coaxial cables.

Function:

Network

- Tests RJ45 patch cords and network installations to identify good connections, opens, shorts or cross-connections
- Identifies data and telephone connection schemes
- Maps cable pin-out

Coax

- Tests continuity of cords and installed cable runs
- Identifies good connections, opens and shorts

Features and Benefits:

- Automatic scanning
- User selectable slow or fast speeds
- Quickly check cable installations and patch cords
- Easy-to-use with clear LED read-outs

Includes:

- 2 RJ45 patch cords
- 75-ohm male terminator
- Cable TV "F" female adapter
- 9V battery
- Durable, nylon carrying case
- One-year warranty

Technical	Main Unit	Remote
Weight	4.6 oz. (130 g)	.7 oz. (20 g)
Dimensions	5.5 L x 2.5 W x 1.6 D	2.9 L x 1.1 W x .86 D
	140 x 64.5 x 41	74.4 x 28.7 x 21.9

Ordering	Part number
SoHo Cable-Check™	1578

1902

4-6-8 Modular Adapters

Use these adapters to connect butt sets, telephone test sets, tone generators and network test equipment to data and telephone lines using modular plug connections to test the data and signals being carried.

- Nylon-reinforced ABS plastic body
- Easy-to-read wire layout
- Removable/replaceable patch cord
- Inline adapters
- Snagless plugs
- Belt clip
- Notched copper contacts keep alligator clips attached during testing
- One-year warranty

Technical	
Weight	3 oz.(85 g)
Dimensions	2.6" L x 1.78" W x 0.82" H
Dimensions	66.2 mm L x 45 mm W x 21 mm H

Ordering	Part Number
RJ45 modular adapter (8-way)	1902
RJ11 modular adapter (6-way)	1903
RJ22 modular adapter (4-way)	1904

Tone & Probe Plus Cable-Check™

Identify connector and cable pin-out for patch cords and installed cables with the LAN cable check functionality. The tester also provides full-range continuity testing, line condition, signal tracing & wire identification with tone generator and tone probe cable tracer capabilities. One-year warranty.

Kit includes:

- Main & remote units
- 2 9V batteries
- 2 RJ45 shielded patch cords
- RJ11 & alligator clip cord
- RJ11 patch cord
- Durable, nylon carrying case

Features:

RJ45 LAN Tester

- True cable mapping function identifies:
  - Good connection, opens, shorts and crosses
  - Connector and cable pin-out
  - Clear LED display for each pin and shield
  - Shielded RJ45 modular plug socket
- Automatic display of mapping with dual speeds: slow or fast
- Tests RJ11 and RJ45 cables with runs up to 600'

Telephone Test Set and Tone Probe Cable Tracer

- Check polarity of telephone power line
- View telephone line status: dial tone, ringing or busy line
- Provides talk power for telephone lines and butt set use
- Selectable dual/single tone application for balanced and unbalanced circuits
- Four tone generator patterns
- Test continuity of wires, cables and loads
- Tone generator features auto-off function
- Locate patch and termination point of wire
- Quickly identify cable pair carrying tone signal
- Inductive, high sensitivity probe
- Jack for headset
- Audible speaker with adjustable volume control enables use without a butt set

Technical	
Weight	2 lbs. (3.3 Kg)
Dimensions (in)	5.25" W x 6.75" L x 2.25" D
Dimensions (mm)	133 W x 171 L x 57 D

Tone Generator	
Output voltage	>8V open, 5V (600 ohm load)
4 tone sequences	single, dual slow, dual fast, multi-tone
Battery	9 VDC
Battery life	120 hours
Auto power-off	1 hour

Tone Probe/Cable Tracer	
Battery	9 VDC
Battery life	10 hours

Ordering	Part Number
Tone & Probe Plus Cable-Check	1573

Data/Link ID and Cable-Check™

This handy unit is a multi-purpose tester at an affordable price. It maps UTP, STP and flat satin cables with RJ45 terminations to identify good connections, opens, shorts and crosses and the unit also identifies network activity and transmission speeds.

- Cable mapping function tests data & phone connection schemes including patch cords and installed cables
- Identifies cross-over telephone connections
- Detects PC (NIC) & HUB data transmissions and PC (NIC) & HUB NLP or FLP link pulse
- Identifies data & link transmission speeds with real time detection: 100 MB or 10 MB
- Automatically scans with choice of slow or fast speeds
- Low battery detection on LAN ID tester
- Includes 9V battery, 2 RJ45 patch cords and durable nylon carrying case with belt loop
- One-year warranty

Technical	Main Unit	Remote
Weight	12 oz. (343 g)	
Dimensions	5.5 L x 2.5 W x .86 D	2.93 L x 1.13 W x .86 D
	140 x 64.5 x 41	74.4 x 28.7 x 21.9
Output	9Vdx nominal @ 41 mA max.	
Battery life	15 hours continuous use	

Ordering	Part Number
Data/Link ID and Cable-Check™	1576

LAN Cable-Check™

Test continuity of RJ45 data and telephone connection schemes on patch cords or on installed cable runs to identify: good connections, opens, shorts and cross-connections.

- Identifies cross-over telephone connections
- Automatically scans when cables connected and unit turned on
- Two scan speeds: fast or slow
- Maps connector and cable pin-out
- Tests cables up to 1,650′ or 500 m
- Also tests RJ11 connections using an RJ11 adapter (not included)
- 2, RJ45 patch cords and 9V battery included
- Contained in a durable nylon carrying case with belt loop
- One-year warranty

Technical	Main Unit	Remote
Weight	12 oz. (343 g)	
Dimensions	5.5″ L x 2.54″ W x 1.61″ D	2.93″ L x 1.13″ W x .86″ D
	140 mm x 64.5 mm x 41	74.4 mm x 28.7 mm x 21.9 mm
Output	9Vdc nominal at 10 mA max	
Connection type	RJ45 UTP modular plug	
Battery	9Vdc NEDA 1604, JIS 006P, IEC 6L61	
Battery life	15 hours continuous use	

Ordering	Part Number
LAN Cable-Check™ tester	1574

PC Cable-Check® PRO

The new PC Cable-Check Pro is an even more powerful troubleshooting tool than the original. It is truly a universal cable mapper that checks common PC, Mac, video, network and coax cable assemblies for proper wiring and operation.

- Quickly & easily troubleshoot cables to eliminate the cable as the source of a problem
- True cable mapping for over 20 different cable types: BNC coax & S-Video, VGA, Firewire, USB & Mini-USB, PS/2, parallel printer, RS-232 serial and Cat5e or Cat6 LAN
- Supports these connectors: male and female DB9, DB15, DB25 and HDB15; 36-pin Centronics printer; RJ11, RJ12, RJ45 shielded & unshielded; BNC coax female; male and female mini-DIN6; female mini-DIN4; USB-A and USB-B; mini-USB 5-pin; IEEE 1394 FireWire 4- and 6-pin
- Tests 50 ohm cables up to 1000' (305 m) & 75 ohm cables up to 600' (183 m)
- Easy to read and understand LED indicator lights
- New rugged case with built-in handle for easy transport
- Auto scan or manual scan modes
- Rubber feet grip to desk or bench to prevent slipping
- Auto-off after 30 seconds of non-use to extend battery life
- 9V battery included
- One-year warranty

Technical	
Weight	1.2 lbs. (.54 Kg)
Dimensions	
(in)	11 H x 6.65 W x 1.60 D
(mm)	279 H x 169 W x 41 D
Power reqs.	9VDC battery (one)
Output signal	8VDC@10mA

Ordering	**Part Number**
PC Cable-Check® Pro	1577

Ultimate Tool Bag

This bag is the most compact and versatile tool bag on the market. It is lightweight, compact, and flexible; it totes like a tool box or can be carried on your shoulder. It is the only bag with a removable inner tote tool caddy that keeps small tools in-view and at-hand. The UTB has a sturdy bottom so you can set the bag upright and it stays without flopping over.

Technical	
Weight	2.20 lbs. (1 Kg)
Dimensions - Main bag (closed)	
(in)	11 H x 8.5 W x 6 D
(mm)	279.4 H x 215.9 W x 152.4 D
Dimensions - Inner tote (closed)	
(in)	6 H x 6 W x 4.35 D
(mm)	152.4 W x 152.4 W x 279.4 D

Ordering	**Part Number**
Ultimate Tool Bag with Plano® tackle box	4923

tools not included

Ultimate Technician Kit

Kit Contains:

Description	Model	Quick Reference
KT8 round cable cutter	900265	pg. 49
Data SureStrip® UTP/STP & flat satin cutter/stripper	1116	pg. 14
LC-CST CATV "F" coax stripper	1257	pg. 52
Untwist tool	1923	pg. 22
CATV "F" flaring & attachment tool - RG6/RG6 QS	1927	pg. 53
SealTite® ***Pro*** compression crimper	1555	pg. 60
All-in-One Phone/Data tool	1556	pg. 29
SurePunch® ***Pro*** punchdown tool	3589	pg. 19
SurePunch® ***Pro*** detachable LED light	4599	pg. 19
110 blade	4572	pg. 20
Double 110 blade	4591	pg. 20
66 blade	4573	pg. 20
BIX blade	4574	pg. 20
Krone LSA blade	4575	pg. 20
LAN ProNavigator® tester & remote	1543	pg. 30
Telephone Test Set & LAN Cable-Check™	1573	pg. 32
RJ45 adapter	1902	pg. 31
Can wrench	1900	pg. 22
(10) RJ22 handset plugs	N/A	N/A
(10) RJ11/12 plugs, stranded, flat cable	9520	pg. 23
(10) RJ45 plugs, Cat5e, solid, round cable	9546	pg. 23
(10) CATV "F" RG6/RG6 QS connectors	9644	pg. 23
(2) BNC-to-CATV "F" adapters	901074	pg. 30
Ultimate Tool Bag	4923	pg. 35
Plano® plastic tackle box	4922.3	pg. 35

■ Lifetime warranty on bag; individual warranties apply to each tool

Technical	
Weight	7.2 lbs. (3.3 Kg)
Dimensions (in)	11" W x 8.5" L x 6" D
Dimensions (mm)	279 mm W x 216 mm L x 52 mm D

Ordering	Part Number
Ultimate Technician Kit	4932

Ultimate Premise Service Kit

This kit is designed for today's on-the-go LAN professional. It provides all the tools and testers you need to maintain your data, voice and video networks all in our Ultimate Tool Bag that's always ready.

Kit Contains:

Description	Model	Quick Reference
KT8 round cable cutter	900265	pg. 49
Data SureStrip® UTP/STP & flat satin cutter/stripper	1116	pg. 14
LC CST CATV "F" coax stripper	1257	pg. 52
CrimpALL® crimp frame with EZI-CHANGE™ thumb screws	8000	pg. 24
Die sets:		
RJ11/12 WE/SS-style	2062	pg. 25
RJ45 WE/SS-style & RG6/RG6 QS CATV "F"	2687	pg. 25
SurePunch® Pro punchdown tool	3589	pg. 19
110 blade	4572	pg. 20
66 blade	4573	pg. 20
LAN ProNavigator® tester & remote	1543	pg. 30
Telephone Test Set & LAN Cable-Check™	1573	pg. 32
RJ45 adapter	1902	pg. 31
(2) BNC-to-CATV "F" adapters	901074	pg. 30
Ultimate Tool Bag	4923	pg. 35
Plano® plastic tackle box	4922.3	pg. 35

■ Lifetime warranty on bag; individual warranties apply to each tool

Technical	
Weight	6.1 lbs. (2.8 Kg)
Dimensions (in)	11" W x 8.5" L x 6" D
Dimensions (mm)	279 mm W x 216 mm L x 52 mm D

Ordering	Part Number
Ultimate Premise Service Kit	4933

Ultimate DataReady® Pro Kit

If you're an installer or technician needing a data cable tool kit solution, this is it! It includes all the tools you need for Cat5, Cat5e and Cat6 installation or maintenance in our rugged Ultimate Tool Bag.

Kit Contains:

Description	Model	Quick Reference
Data SureStrip® UTP/STP & flat satin cutter/stripper	1116	pg. 14
Untwist tool	1923	pg. 22
CrimpALL® crimp frame with EZI-CHANGE™ thumb screws	8000	pg. 24
Die sets:		
RJ45 WE/SS-style	2061	pg. 25
RJ11/12 WE/SS-style	2062	pg. 25
RJ22 handset	2063	pg. 25
RJ45 AMP-style	2064	pg. 25
RJ11 DEC-MMJ	2067	pg. 25
SurePunch® PRO punchdown tool	3589	pg. 19
110/66 blade	4571	pg. 20
Double 110 blade	4591	pg. 20
LAN ProNavigator® tester & remote	1543	pg. 30
Ultimate Tool Bag	4923	pg. 35
Plano® plastic tackle box	4922.3	pg. 35

- Lifetime warranty on bag; individual warranties apply to each tool

Technical	
Weight	5.15 lbs. (2.3 Kg)
Dimensions (in)	11" W x 8.5" L x 6" D
Dimensions (mm)	279 mm W x 216 mm L x 152 mm D

Ordering	Part Number
Ultimate DataReady® Pro Kit	4934

Ultimate Data/Voice Pro Kit

The complete kit for data and voice installation or and maintenance stored in the new versatile Ultimate Tool Bag.

Kit Contains:

Description	Model	Quick Reference
Data SureStrip® UTP/STP & flat satin cutter/stripper	1116	pg. 14
Untwist tool	1923	pg. 22
All-in-One Data & Phone crimper	1556	pg. 29
SurePunch® PRO punchdown tool	3589	pg. 19
110 blade	4572	pg. 20
66 blade	4573	pg. 20
Double 110 blade	4591	pg. 20
LAN Cable-Check & Telecom Test set	1573	pg. 32
Can wrench	1900	pg. 22
Ultimate Tool Bag	4923	pg. 35
Plano® plastic tackle box	4922.3	pg. 35

- Lifetime warranty on bag; individual warranties apply to each tool

Technical	
Weight	4.5 lbs. (2.0 Kg)
Dimensions (in)	11" W x 8.5" L x 6" D
Dimensions (mm)	279 mm W x 216 mm L x 152 mm D

Ordering	Part Number
Ultimate Data/Voice Pro Kit	4935

Premise Service Kit

Our biggest data, voice, and coaxial LAN installation kit provides everything for twisted pair and coaxial cable installation. All tools contained in a professional blow-mold case complete with form-fitting foam.

Kit Contains:

Description	Model	Quick Reference
KT 8 round cable cutter	900265	pg. 49
Data SureStrip® UTP/STP & flat satin cutter/stripper	1116	pg. 14
LC CST CATV "F" coax stripper	1257*	pg. 52
CrimpALL® Crimp Frame with EZI-CHANGE™ thumb screws	8000	pg. 24
Die sets:		
RJ45 WE/SS-style & CATV "F"	2687**	pg. 25
RJ11/12 WE/SS-style	2062**	pg. 25
SurePunch® PRO punchdown tool	3589	pg. 19
SurePunch® PRO detachable light & batteries	4599	pg. 19
110 blade	4572	pg. 20
66 blade	4573***	pg. 20
LAN ProNavigator® UTP/STP continuity tester & remote	1543	pg. 30
LAN Cable-Check & Telecom Test set	1573	pg. 32
RJ45 8-way adapter	1902	pg. 31
(2) BNC-to-CATV "F" adapters	901074	pg. 30

** Replaced with LC CST-58/59 coax stripper #1255*
*** Replaced with RJ45 AMP-style & RG58/59 BNC/TNC die #2064, 2034*
**** Replaced with BIX or Krone blade # 4574, 4575*

- Lifetime warranty on kit; individual warranties apply to each tool

Technical

Weight	7.6 lbs. (3.5 Kg)
Dimensions (in)	17" W x 13.4" L x 4.5" D
Dimensions (mm)	432 mm W x 341 mm L x 115 mm D

Ordering	Part Number
Premise Service Kit	901039
Premise Service Kit - AMP/Krone	9010391
Premise Service Kit - AMP/BIX	9010392

DataReady™ PRO Kit

A complete data cable installation kit providing everything to support the installer using commonly-available connectors, and punchdown termination blocks. All tools contained in a professional-quality, soft-sided zipper case with heavy-duty wrist strap.

Kit Contains:

Description	Model	Quick Reference
Data SureStrip™ UTP/STP & flat satin cutter/stripper	1116	pg. 14
Untwist tool	1923	pg. 22
CrimpALL® Crimp Frame with EZI-CHANGE™ thumb screws	8000	pg. 24
Die sets:		
RJ45 WE/SS-style	2061	pg. 25
RJ11/12 WE/SS-style	2062	pg. 25
RJ22 Handset	2063	pg. 25
RJ45 AMP/Tyco-style	2064	pg. 25
RJ11 DEC-MMJ	2067	pg. 25
SurePunch® PRO punchdown tool	3589	pg. 19
SurePunch® PRO detachable light & batteries	4599	pg. 19
Double 110 blade	4591*	pg. 20
110/66 blade	4571**	pg. 20
LAN ProNavigator® UTP/STP continuity tester & remote	1543	pg. 30

** Replaced with 110 blade*
*** Replaced with Krone blade #4575*

- Lifetime warranty on kit; individual warranties apply to each tool

Technical

Weight	4 lbs. (1.83 Kg)
Dimensions (in)	10 "W x 7.5" L x 2" D
Dimensions (mm)	254 mm W x 191 mm L x 51 mm D

Ordering	Part Number
DataReady™ PRO Kit	901378
DataReady™ PRO Kit - Krone	9013781

DataReady™ Kit

The popular DataReady® Kit has been upgraded to better serve today's datacomm and IT professionals' needs. The kit now contains SurePunch® Pro punchdown and expanded testing capabilities with the Data Link/ID and Cable-Check™ unit.

Kit Contains:

Description	Model	Quick Reference
Data SureStrip™ UTP/STP cutter/stripper	1116	pg. 14
All-in-One Phone/Data Crimper	1556*	pg. 29
SurePunch® Impact Punchdown Tool	3570	pg. 20
110/66 Blade	4571†	pg. 20
Data Link/ID and Cable-Check™ Tester	1576	pg. 33
(20) RJ45 plugs, Cat5e, solid/stranded; flat/round cable	N/A**	pg. 23
Zipper Case with carrying strap	901059	N/A

- Lifetime warranty on kit; individual warranties apply to each tool

Technical

Weight	3 lbs. (1.4 Kg)
Dimensions (in)	10" W x 7.5" L x 2" D
Dimensions (mm)	254 mm W x 191 mm L x 51 mm D

Ordering	Part Number
DataReady™ Kit	901053
DataReady™ Kit - AMP/Krone*†	9010531

** WE/SS - style replaced with AMP - style #1557*

† Contains 110 & Krone blades #4575

Basic LAN Tool Kit

New This convenient kit is perfect for small offices or students just starting out. It includes the essential tools needed to easily install networks or to make quick repairs in a zipper case with enough pockets to customize your kit with a network tester or other items.

Kit Contains:

Description	Model	Quick Reference
Data SureStrip® UTP/STP & flat satin cutter/stripper	1119	pg. 14
All-in-One Phone/Data Crimper	1556	pg. 29
Non-Impact 110 Punchdown Tool	3580	pg. 15
(20) RJ45 plugs, Cat5e, solid/stranded; flat/round cable	N/A**	pg. 23
Zipper Case with carrying strap	901059	N/A

- Lifetime warranty on kit; individual warranties apply to each tool

Technical

Weight	1.85 lbs. (.85 Kg)
Dimensions (in)	7.75 "W x 11" L x 2" D
Dimensions (mm)	197 mm W x 280 mm L x 51 mm D

Ordering	Part Number
Basic LAN Tool Kit	4929

See pg. 23 for additional modular plug connectors

2.6–3.0
mm OJ
2.0–3.0mm LT
2.0–2.4mm OJ
BUFFER ONLY
BUF. & ACRYLATE
WEAR EYE
PROTECTION
900µm
250µm
1163
PATENT
PENDING
Paladin Tools®
Fiver Optic™
Stripper
LOCK
Paladin Tools®
1600 Series

*Fiver*Optic™ Stripper

The FiverOptic™ combines 5 fiber optic stripping functions onto a single tool reducing your tool costs and saves you time – you always have the right tool.

Function

- Strips outer jacket from 2.0-2.4 mm fiber and 2.8-3.0 mm fiber
- Strips outer jacket from 2.0-3.0 mm loose tube fiber
- Strips 900um buffer from loose tube fiber without removing acrylate
- Strips buffer and acrylate from 900/125um and 250/125um fiber

Features & Benefits:

- Optimum ergonomic design with 22 degree angle prevents awkward wrist bends
- Comfortable, rubber-embedded handles
- Precision, CNC-formed stripping areas for reliable, accurate strips
- Unsurpassed ergonomics and comfort
- Factory-set and calibrated
- Manufactured from high-carbon steel for longevity
- Locking handle for safe transport
- One-year warranty

Technical	
Weight	4 oz. (114 g)
Length	6.48" (164.5 mm)

Ordering	Part Number
*Fiver*Optic™ stripper	1163

Economy Kevlar® Cutter

Great on thin strands! Economical scissors for cutting protective Kevlar® strands in fiber optic cable.

- Hard-chromed serrated edge steel blades for utility applications
- One-year warranty

Technical	
Weight	2 oz. (57 g)
Length	7.75"(197 mm)

Ordering	Part Number
Economy Kevlar cutter	1511

Economy Fiber Optic Stripper

Handy stripper for 2-3 mm fiber optic cable with a 125 um cladded core glass fiber.

- Pre-calibrated and factory set to ensure precision
- Spring-loaded closure with distance stops
- Bright orange rubber dipped handles
- Lock closure for safety and transport
- Strips 2.0-3.0 mm fiber jacket, 900 um buffer, and 250 um acrylate
- One-year warranty

Technical	
Weight	3 oz. (86 g)
Length	5" L (127 mm)

Ordering	Part number
Economy fiber optic striper	1162

Fiber Optic Scribe

Incise or score the fiber optic glass in a scratch and pull technique of scribing optical fiber with minimum damage to the glass.

- Pen-type scribe with screw-in non-reversible carbide tip
- Wedge shaped tip
- Pocket-clip
- Stainless steel barrel
- One-year warranty

Technical	
Weight	2 oz. (57 g)
Length	5.25" D (133.4 mm)

Ordering/Description	Part number
Carbide tip fiber optic scribe	1922.1

Adjustable Jacket Stripper

Perfect for cutting jackets of a variety of fiber optic cables.

- Adjustable blades from 30-10 AWG (.05-6 mm^2)
- Economical tool for multiple cables
- One-year warranty

Technical	
Weight	3 oz. (86 g)
Length	5" (127 mm)

Ordering	Part number
Adjustable jacket stripper	1161

Fiber Optic Polishing Pucks

Hand polishing pucks for SC, ST, FC and LC-type fiber optic connectors.

- Manufactured from aluminum with tungsten coating
- Cleaner than conventional plastic pucks because less debris left behind
- Double the lifetime of conventional plastic pucks
- One-year warranty

Technical	
Weight	.5 oz. (14 g)
Diameter	1.10" (27.9 mm)

Ordering/Description	Part number
SC, ST, FC polishing puck	1920.1
LC polishing puck	1926.1

AM 25 & 35 Slitters

Get the original tool designed for slitting cable insulation! Strips and slits round cables with PVC, Teflon and THHN insulations.* 2 models available: AM 25 for cable less than 1" (2.5 mm) in diameter and AM 35 for cable sizes 1.0" – 1.4" (25-35 mm).

- Adjustable cutting depth for insulation up to 0.18" (4.5 mm) thick
- Laser-trimmed, stainless-steel blade for long use and precise slits
- Blade swivels for circular, longitudinal and spiral cuts
- Cable holding clip with integrated edge to remove slit insulation
- Blade storage in handle/spare blade included
- Great tool for window slits
- Perfect for armored cable
- Lifetime warranty on tools; one-year on blades

AM 25 Technical	
Weight	4.7 oz. (133 g)
Length	5.3" (135 mm)
Cable diameter	0.18"-1.0" (4.5-25 mm)

AM 35 Technical	
Weight	5.0 oz. (141 g)
Length	5.5" (140 mm)
Cable diameter	1.0"-1.4" (25-35 mm)

Ordering	**Part Number**
AM 25	1820
AM 35	1821
Replacement blade	2109

** Not for polyethylene, polypropylene or XLP insulations.*

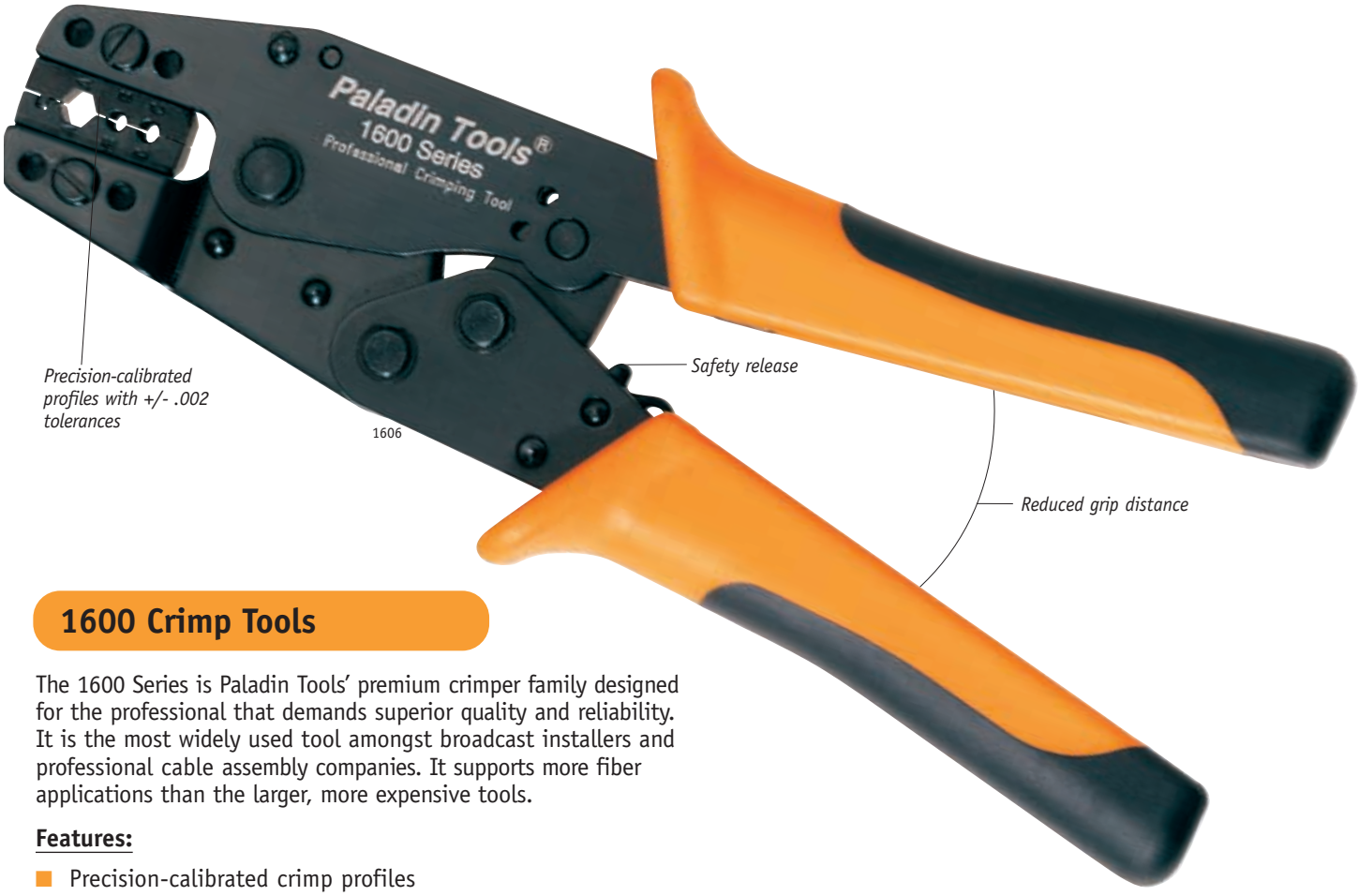
Universal Slitter

Slits and strips round cables with a diameter of 0.18" to 1.40"(4.5-35 mm). Quickly removes insulation without nicking conductor. For power and telecommunication cables 500-1200 MCM. (240-600 mm^2). Not suitable for XLP insulation.

- Precision stripping and slitting of rubber, PVC, nylon and most insulation materials
- Adjustable depth of cut up to .18" (4.5 mm) thick insulation
- Circumferential, longitudinal and spiral cuts
- Cable is supported during use
- Cable support arm edge is used to pry off thick insulation
- Laser-trimmed, stainless-steel blade for long use
- A perfect tool for mid-point taps
- Spare blade included
- Lifetime warranty on tools; one-year on blades

Technical	
Weight	7 oz. (200 g)
Length	5.7" (145 mm)

Ordering	**Part Number**
Universal slitter	1822
Replacement blade	2109



1600 Crimp Tools

The 1600 Series is Paladin Tools' premium crimper family designed for the professional that demands superior quality and reliability. It is the most widely used tool amongst broadcast installers and professional cable assembly companies. It supports more fiber applications than the larger, more expensive tools.

Features:

- Precision-calibrated crimp profiles
- Finest-quality tool steel
- Long-lasting tool that delivers over 75,000 crimp cycles
- Ultra-smooth, advanced ratcheting system with built-in safety release
- Rugged, double-plated jaw design for increased life span
- Lifetime warranty

Advantages:

- Smallest grip hand tool on the market with the longest life span available
- Lowest hand-force of the long-life crimp tools on the market without compromising superior crimp force
- True ergonomic rubber handles that are soft and won't quickly wear out or break
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the tool does the work
- Interchangeable die sets
- Fiber optic die sets manufactured using secondary precision 3-D CNC grinding process to ensure +/- .002 tolerances for crimping profiles

Rugged, double-plated jaw design for increased life span

Triple ratchet designed for powerful and precise crimping.

Reduced handle grip distance makes it easy for both small and large hands

Technical	Weight	Length
	19 oz. (538 g)	8" (203.2 mm)

Ordering	Part Number
Crimp tool frame	1600
Replacement handles	1600.9
Thumb screws (1 set)	2307

See pg.47 for our 1600 Series Crimpers & Die Sets

CrimpALL® Series Crimpers

The 8000 Series CrimpALL® is designed with user satisfaction in mind. This world-class crimp tool is designed for superior comfort and ease of use. It is an exceptional value and uses the same die sets as our 1300 Series crimpers.

Features:

- Ultra-smooth, fully ratcheting crimp cycle with built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Soft, rubber-embedded handles
- Long-lasting tool that delivers over 50,000 crimp cycles
- Rugged, double-plated jaw design to increase life span
- Lifetime warranty

Advantages:

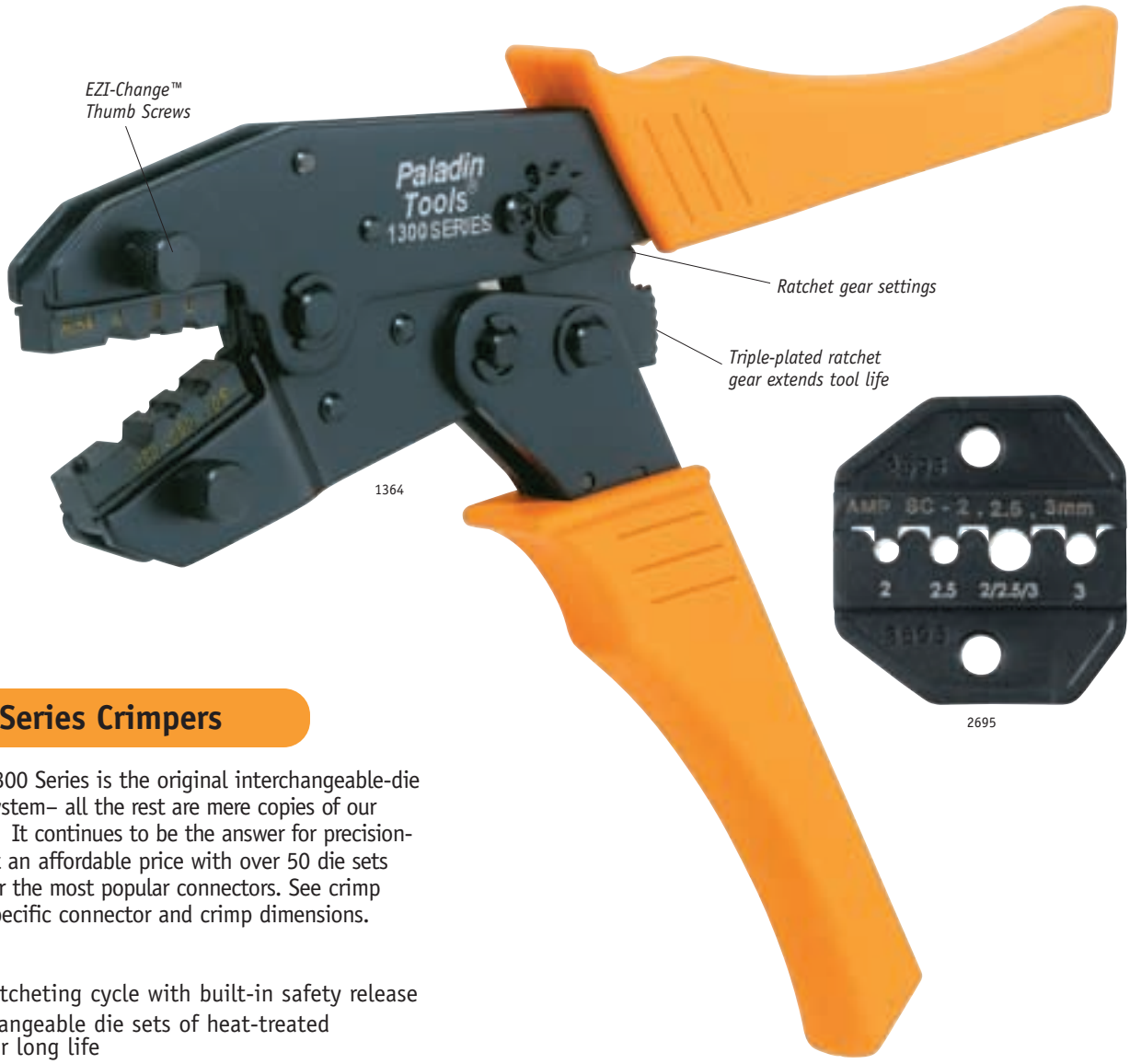
- Angled head to prevent awkward wrist bending during operation
- Reduced handle grip distance makes it easy for both small and large hands
- Higher crimp force produced with less hand force so hand doesn't tire as quickly
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the CrimpALL® does the work!
- Manufactured using the newest fine blanking technologies
- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required

Technical	Weight	Length
CrimpALL® tool frame	21 oz. (600 g)	9.84" (250 mm)
Die set	2 oz. (57 g)	

Ordering	Part number
CrimpALL® tool frame	8000
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	8000.9

Rubber-embedded handles make a comfortable, non-slip grip

See pg. 47 for our 8000 Series Crimpers & Die Sets



1300 Series Crimpers

Paladin's 1300 Series is the original interchangeable-die crimping system– all the rest are mere copies of our innovation. It continues to be the answer for precision-crimping at an affordable price with over 50 die sets available for the most popular connectors. See crimp chart for specific connector and crimp dimensions.

Features:

- Fully-ratcheting cycle with built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Easy to use and maintain
- Available as complete tool with die set inserted or separate tool frame and individual die sets
- Foam-lined case available to hold frame and 6 die sets together
- Lifetime warranty

Advantages:

- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required
- Most precise and tightest tolerances on die sets in the industry
- Six ratchet gear settings for optimum crimp performance (see page for 105 for additional details)

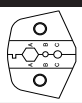
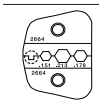
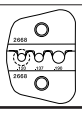
See pg. 47 for our 1300 Series Crimpers & Die Sets

Technical	Weight	Length
Crimp tool frame	10.4 oz (296 g)	8.9" (225 mm)
Die set	2 oz. (57 g)	

Ordering	Part number
Crimp tool frame	1302
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	1300.9
1300 crimp case	901013

1600 Crimp Tools & Die Sets

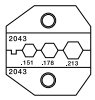
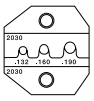
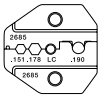
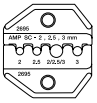
1606

	Part Numbers	Description/Crimp Sizes/Crimp Style	Connector Manufacturer or Remarks
	**Tool & Die: 1606** **Die Only: 2044**	STII Type 0.190" HEX/0.105" RND/0.90" RND 4.83/2.67/2.3 mm	Lucent ferrules & sleeves (not for use on STII+ connectors)
	**Tool & Die: 1614** **Die Only: 2664**	SMA/SMB/FC/BICONIC Fiber 0.213"/0.178"/0.151" HEX 5.41/4.52/3.83 mm	SMA/SMB/FC BICONIC/SC/ST
	**Tool & Die: 1668** **Die Only: 2668**	SC & ST 0.120"/0.137"/0.190" RND 3.05/3.48/4.83 mm	3M, Suncall, Fiber Source

8000 Series CrimpALL® & 1300 Series Crimp Tools & Die Sets

8017

1364

	Part Numbers	Description/Crimp Sizes/Crimp Style	Connector Manufacturer or Remarks
	Tool & Die: 8017 **Tool & Die: 1362** **Die Only: 2652**	SMA, SMB, SFR, ST, SC Type 0.128"/0.151"/0.215"/0.197"/0.178" HEX (3.2/3.83/5.46/5.0/4.52 mm)	Universal for sleeves and ferrules, SC, FC, SMA
	**Tool & Die: 8018** **Tool & Die: 1330** **Die Only: 2043**	SMA/FC Type 0.215"/0.178"/0.151" HEX (5.46/4.52/3.83 mm)	Crimps ferrules and sleeves only, SMA, FC
	**Tool & Die: 8019** **Tool & Die: 1331** **Die Only: 2030**	SRF and SMF Type 0.190"/0.160"/0.132" RND (4.83/4.06/3.35 mm)	Crimps ferrules and sleeves AMP (Tyco)
	Tool & Die: 8020 **Tool & Die: 1364** **Die Only: 2654**	Lucent Technologies ST II Type 0.190" HEX/0.105" RND/0.090" RND (4.83/2.67/2.3 mm)	Crimps ferrules and sleeves Lucent ST II
	Tool & Die: 8037 **Tool & Die: 1369** **Die Only: 2669**	3M SC/FC-3 0.120" RND/0.137" RND/0.190" RND (3.05/3.48/4.83 mm)	Connectors with round crimp 3M SC/FC Type Fiber
	**Tool & Die: 8039** **Tool & Die: 1375** **Die Only: 2685**	FC/SC/ST/LC/SMA/MT-RJ 0.151"/0.178" HEX; LC RND/0.190" RND (3.83/4.52/LC/4.83 mm)	Crimps 3M, SC/ST & Lucent/Krone LC, SMA, FC, MT-RJ LC RND dimension proprietary
	**Tool & Die: 8050** **Tool & Die: 1390** **Die Only: 2695**	AMP SC 2.0/2.5/3.0 mm .110/.125/.140/.191 RND	Connectors with round crimp AMP SC

WEAR EYE PROTECTION
PATENT PENDING
Paladin Tools®
SealTite™ Pro

Blades designed so cable stays round

KT 8 & KT 12 Cutters

Precise and professional cutters for solid, stranded and flexible cables up to AWG 6 (16 mm²) (KT 8) and AWG 2 (35 mm²) (KT 12).

- Blades outlined for two conductor size ranges
- Precise and effortless cuts
- Hand-stops prevent slips
- No screw design to ensure precise attachment
- Textured handles
- Blades can be sharpened with a round file
- Not for use on steel, aluminum alloys or hard-drawn copper cables
- Perfect cutter for coax and UTP cables; doesn't deform cable
- Lifetime warranty

	KT 8*	KT 12*
Max. cable cutting capacity		
Copper		
Solid	AWG 6 (16 mm²)	AWG 6 (16 mm²)
Stranded	AWG 6 (16 mm²)	AWG 4 (25 mm²)
Flexible	AWG 6 (16 mm²)	AWG 2 (35 mm²)
Aluminum		
Stranded	AWG 6 (16 mm²)	AWG 6 (16 mm²)
Technical		
Weight	6.3 oz. (180 g)	10.5 oz. (300 g)
Length	6.5" (165 mm)	8.47" (215 mm)
Ordering/Part Number	900265	900266

**Do not use on live circuits.*

Utility Cable Cutter

Utility cable cutter for solid, stranded and flexible cable up to AWG 2/0 (70 mm²).

- Optimal blade geometry for low cutting force
- Not for use on steel, aluminum alloys or hard-drawn copper cables
- One-year warranty

Maximum cable cutting capacity	
Copper	
Solid	AWG 6 (16 mm²)
Stranded	AWG 2 (35 mm²)
Flexible	AWG 2/0 (70 mm²)
Aluminum	
Stranded	AWG 2/0 (70 mm²)
Technical	
Weight	16oz. (453 g)
Length	9.4" (240 mm)

Ordering	**Part Number**
Utility cable cutter*	1817.1

**Do not use on live circuits.*

Combo UTP/Coax SureStrip™

New The Combo UTP/Coax SureStrip™ is the perfect tool for smart home installations! Coax pre-set for 2-level compression "F", RCA & BNC & hex crimp cable TV "F" strips. Thumb screw adjusts stripping blade depth for UTP/STP insulations. Blade self regulates to prevent nicks.

Specifications:

- Professional all-in-one cutter/stripper for coaxial and twisted pair cables
- Cuts and strips multiple cable types:
  - Coax: RG6, RG6 Quad and RG59
  - Twisted Pair (UTP/STP): Cat6, Cat5e and Cat5

Features and Advantages:

- Easy-to-use combination cutter/stripper
- Adjustable stripping blade for UTP/STP; accommodates different insulation thicknesses without damaging conductors
- Self-regulating cassette blade prevents nicks
- Coax blade cassette is removable to adjust stripping depth of both blades with hex key included. *(Note: Hex key stores securely in bottom of tool)*
- Contoured finger grips for cutting power
- Lanyard hole for wrist strap, key chain, etc
- One-year warranty

Technical	
Weight	2.5 oz. (71 g)
Length	4.53" (115 mm)

Ordering	Part Number
Combo UTP/Coax SureStrip™	1119
Coax Blade Cassette	2119
UTP Cut/Stripe Blade	2120

CST vario Stripper

Adjustable-blade coaxial cable stripper for cable diameters of 0.1-0.315" (2.5-8.0 mm) including RG58, RG59, RG62 & Belden 1505A*. Strips outer jacket, shield braid and inner insulation down to center conductor.

- Most flexible coax stripping tool on the market!
- Easy to set up and adjust
- Two- and three-level stripping
- Minimum center-to-center strip length is 0.13" (3.2 mm)
- Maximum total strip length is 0.67" (17 mm)
- Adjustable blade positioning in 0.04" (1 mm) increments
- Lifetime warranty on frame; one-year on blades

Technical	
Weight	2.8 oz. (79 g)
Length	4.57" (116 mm)

Ordering	Part Number
CST vario stripper	3240
Replacement blade holder, blades & allen hex key	3242

**Not recommended for use on LMR or Teflon cables.*

NEW! Pre-set units for Belden 179DT mini-75 ohm

Memory Cassette

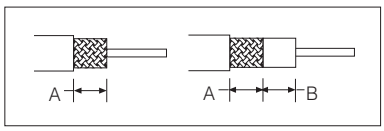
- *Screws adjust cutting depth of the blades*
- *Once set, mark for specific cable & store for next use*
- *Maintain separate memory cassettes for each cable type to quickly change applications without first fine adjusting*

Y-block – *inserts into tool to tighten up rollers for smaller cable sizes*

CST Strippers

Our CST series coaxial strippers are designed for the professional and they are the standard for the broadcast industry. The CST is a fixed-blade system that accommodates 0.1"-0.315" (2.5-8.0 mm) cable diameters including RG58/59/62AU, RG6 and RG6 Quad, RG174, Belden 1505A, 1855A and 8281*.

- Cam adjustment ensures precise hold on cable
- Memory blocks reduce set-up time and are easy to interchange and mark for various applications
- Blades are two-sided for longer use
- No cable jacket distortion during stripping process
- Blade cassettes easy to change
- Lifetime warranty on frame; one-year warranty on cassettes



Technical	Weight	Length
CST strippers	2.4 oz. (65 g)	4" (100 mm)
CST replacement cassettes	1 oz. (2.8 g)	1.34" (34 mm)

Ordering	Tool w/blade	Blade cassette only	Common Uses
CST green 3 level (A=.279, B=.201)	1240	2240	Common 2- & 3-piece
CST blue 2 level (A=.256)	1241	2241	CATV "F" connectors
CST yellow 2 level (A=.472)	1242	2242	
CST brown 3 level (A=.295, B=.137)	1243	2243	
CST red 2 level (A=.236)	1244	2244	
CST gray 2 level (A=.153)	1246	2246	
CST orange 3 level (A=.327, B=.146)	1247	2247	Kings, Amphenol 3-piece
CST black 3 level (A=.344, B=.094)	1248	2248	ADC, Amphenol HDTV

Ordering	
CST frame only	1250
CST memory cartridge only	2245
CST frame only – pre-set for Belden 179DT	1245
CST memory cartridge – pre-set for Belden 179DT	1251

COMPLETE coaxial connector cross-reference available on our website

LC CST Strippers

Our LC CST line of coaxial cable strippers combines high-performance and ergonomic design at an affordable price. Easily remove the outer jacket, shield braid and inner dielectric in a single step.

- Self-regulating tension
- Adjust cutting depth on each blade for varying cable thicknesses with the included hex key
- Pre-set for common strip lengths
- Blades adjust for strip dimensions other than our standard pre-set units*
- One-year warranty

Technical	Weight	Length
LC CST strippers	1.7 oz. (49 g)	4.25" (108 mm²)

Ordering	Part No.	Preset Strip Lengths*	Strip Types	Cable Usage
LC CST-58/59	1255	0.315" outer jacket, 0.157" inner dielectric	2- & 3-level, adjustable	RG58, RG59, RG62 AU & RG6
LC CST-11	1256	0.315" outer jacket, 0.157" inner dielectric	2- & 3-level, adjustable	RG8, RG11 & RG213
LC CST CATV "F"	1257	0.236" outer jacket	2-level	RG59, RG6 & RG6 QUAD CATV "F" (preset for RG6 CATV "F")
LC CST-Mini	1258	0.344" outer jacket, 0.094" inner dielectric	2- & 3-level, adjustable	RG178, RG179, RG188, AT&T 735(A), NT735, Belden 1855A, Belden 8218, RG180, RG187, RG188A, RG405 and more
Replacement blade	2263	–	–	–

** To adjust strip lengths simply change blade locations in the lower jaw to attain the following: .157" (4 mm), .236" (6 mm), .315" (8 mm), .394" (10 mm) and .472" (12 mm)*

Not recommended for use on LMR or Teflon cables.

COMPLETE coaxial connector cross-reference available on our website

Cable TV "F" Flaring & Attachment Tool

New Flare the shield of RG59, RG6 or RG6 Quad cable after it has been stripped and insert cable TV "F" connectors onto the cable easier by attaching the connector onto the threaded end of the tool.

- Save time on cable TV and satellite installations
- Flare the shield braid back from the dielectric without nicking your finger
- Make connections faster and easier with properly prepped cable
- Attachment tool enables you to hold the connector comfortably to insert onto cable
- One-year warranty

Technical

Weight	4 oz. (114 g)
Length	4.5" (114 mm)

Ordering	Part Number
Cable TV "F" Flaring & Attachment Tool	1927

RG59/RG6/RG6 Quad Flaring Tool

Flares the shield braid away from the center conductor to ensure quicker and better connections.

- Works on RG59 and RG6/6 Quad cable
- Flares shield away from center dielectric
- Saves time on CATV and satellite installations
- One-year warranty

Technical

Weight	3 oz. (85 g)
Length	4.5" (114 mm)

Ordering	Part Number
RG59/6/6QS flaring tool	1917

BNC and CATV "F" Extraction Tools

Use these tools for the easy insertion and removal of coaxial BNC or CATV "F" connectors for high-density patch panels.

- Chrome finish
- Comfortable driver-style plastic handle
- 1908 CATV "F" is a combination tool. Use the hex socket to easily remove and insert the connectors. Use the threaded end to hold the connector while you insert cable for twist-on connectors. Helps to prevent finger injuries.
- One-year warranty

Technical

Weight	4 oz. (114 g)
Shaft Length	4"- 12" (102 mm - 305 mm)

Ordering	Part Number
CATV 8" (203 mm)	1908
BNC 8" (203 mm)	1907
BNC 12" (305 mm)	1916

1600 Crimp Tools

The 1600 Series is Paladin Tools' premium crimper family designed for the professional that demands superior quality and reliability. It is the most widely used tool amongst broadcast installers and professional cable assembly companies. It supports more fiber, HDTV and industrial/electrical applications than the larger, more expensive tools.

Features:

- Precision-calibrated crimp profiles
- Finest-quality tool steel
- Long-lasting tool that delivers over 75,000 crimp cycles
- Ultra-smooth, advanced ratcheting system with built-in safety release
- Rugged, double-plated jaw design for increased life span
- Lifetime warranty

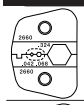
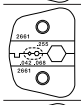
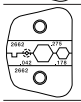
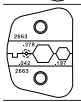
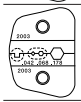
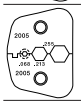
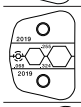
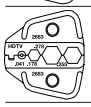
Advantages:

- Smallest grip hand tool on the market with the longest life span available
- **NEW!** True ergonomic rubber-embedded handles that are soft and won't quickly wear out or break
- Lowest hand-force of the long-life crimp tools on the market without compromising superior crimp force
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the tool does the work
- Interchangeable die sets

Technical	Weight
Crimp tool frame	19 oz. (538 g)
Die set	2 oz. (57 g)

Ordering	Part Number
Crimp tool frame	1600
Replacement handles	1600.9
Thumb screws (2)	2307

Reduced handle grip distance makes it easy for both small and large hands

	Part Numbers	Connector Type(s)	Cable Type(s)	Crimp Sizes/Type(s)	Connector Manuf./Remarks
	**Tool & Die: 1609** **Die Only: 2660**	BNC/TNC, 3-piece HDTV	Belden 8281 and 7505	0.324"/0.068" HEX and 0.042" SQ	Kings, ADC, Switchcraft, Amphenol HDTV
	**Tool & Die: 1611** **Die Only: 2661**	BNC/TNC, 3-piece HDTV	RG59, Belden 1505 and 8241	0.255"/0.068" HEX and 0.042" SQ	Kings, ADC, Switchcraft, Amphenol HDTV
	**Tool & Die: 1612** **Die Only: 2662**	BNC/TNC, 3-piece HDTV	RG6, Belden 1694A and 1855A	0.275"/0.178" HEX and 0.042" SQ	ADC, GEM, Trompeter HDTV
	**Tool & Die: 1613** **Die Only: 2663**	BNC/TNC, 3-piece HDTV	Belden 1694A, NT735, Belden 1855A	0.278"/0.197" HEX and 0.042" SQ	ADC HDTV
	**Tool & Die: 1616** **Die Only: 2003**	BNC/TNC	RG174 and other small cable	0.178"/0.068" HEX	Crimps pins, ferrules and sleeve
	**Tool & Die: 1617** **Die Only: 2005**	BNC/TNC	RG58/59/62 AU	0.255"/0.213"/0.068" HEX	Crimps pins, ferrules and sleeve
	**Tool & Die: 1619** **Die Only: 2019**	BNC/TNC	RG59/62 AU and Belden 8281	0.324"/0.255"/0.068" HEX	Crimps pins, ferrules and sleeve
	**Tool & Die: 1669** **Die Only: 2683**	BNC/TNC 3-piece HDTV	Belden 1855A, 1865A, 1505A, 1505F, 1694A, 1694F, 179DT	0.278"/0.255"/0.178"/ 0.041" HEX	Kings, ADC, B&L, Trompeter, Amphenol, Switchcraft

NOTE: See page 98 in the Quick Guide for metric sizes.

COMPLETE coaxial cable and connector cross-reference available on our website

2683

Die sets are available for coax, fiber optic, terminal and wire ferrule applications.

Ratchet designed for powerful and precise crimping.

Rugged, double-plated jaw design for increased life span

CrimpALL® Series Crimpers

The 8000 Series CrimpALL® is designed with user satisfaction in mind. This world-class crimp tool is designed for superior comfort and ease of use. It is an exceptional value and uses the same die sets as our 1300 Series crimpers.

Features:

- Ultra-smooth, fully ratcheting crimp cycle with built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Soft, rubber-embedded handles
- Long-lasting tool that delivers over 50,000 crimp cycles
- Rugged, double-plated jaw design to increase life span
- Lifetime warranty

Advantages:

- Angled head to prevent awkward wrist bending during operation
- Reduced handle grip distance makes it easy for both small and large hands
- Higher crimp force produced with less hand force so hand doesn't tire as quickly
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the CrimpALL does the work!
- Manufactured using the newest fine blanking technologies
- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required

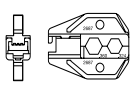
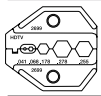
Technical	Weight	Length
CrimpALL® tool frame	21 oz. (600 g)	9.84" (250 mm)
Die set	2 oz. (57 g)	

Ordering	Part Number
CrimpALL® tool frame	8000
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	8000.9

Ultra-smooth ratchet design makes this tool a dream to use.

Comfortable to use for any size hand.

The first crimp tool with a double-plated jaw design for longer life span

	Part Numbers	Connector Type(s)	Cable Type(s)	Crimp Sizes/Type(s)	Connector Manuf./Remarks
	Tool & Die: 8001 **Die Only: 2034**	BNC/TNC, 3 Piece	RG58, RG59, RG62AU	0.256"/0.213"/0.068" HEX	Common 2-piece and 3-piece BNC/TNC
	Tool & Die: 8002 **Die Only: 2648**	HDTV SMA, True 75-ohm BNC/TNC, Mini-UHF, 75 ohm	RG174, RG59/62, mini-coaxial & Belden 1855A	0.255"/0.197" /0.178"/0.068" HEX and 0.042"SQ	Common 2-piece and 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.)
	Tool & Die: 8003 **Die Only: 2649**	HDTV BNC/TNC/ CATV "F" True 75-ohm	RG59, RG6, Belden 8281, 1694A & 1505A	0.324"/0.255"/0.068" HEX and 0.052"/0.042"SQ	Common 2-piece and 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.)
	Tool & Die: 8004 **Die Only: 2657**	HDTV BNC/TNC True 75-ohm	RG6, Belden 1694 & 1694A	0.278"/0.275"/0.068" HEX and 0.042"SQ	Common 3-piece BNC/TNC (Kings & ADC HDTV)
	Tool & Die: 8005 **Die Only: 2653**	SMA, SMB, Mini-59 BNC/TNC, Mini-UHF	RG58, Mini-59, RG-174, small coax & Belden 1855A	0.128"/0.213"/0.197" /0.178"/0.068" HEX and 0.042"SQ	Common 2-piece and 3-piece SMA/SMB/BNC/TNC & mini-UHF
	Tool & Die: 8006 **Die Only: 2046**	Thinnet, BNC/TNC, Mini-UHF 50 and 75 ohm	RG58, RG174, AT&T 735 & Belden 1855A	0.213"/0.178"/0.068" HEX and 0.042"SQ	50/75 ohm small 2-piece and 3-piece BNC/TNC (Kings, ADC, etc.)
	Tool & Die: 8007 **Die Only: 2047**	BNC/TNC, and Mini-UHF 50 and 75 ohm	RG59, RG62, Belden 8281 & 1505A	0.315"/0.252"/0.068" HEX and 0.042"SQ	75 ohm 2-piece and 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.)
	Tool & Die: 8008 **Die Only: 2051**	BNC/TNC	RG174, RG179, & Small Cable Conn.	0.178"/0.128"/0.068" HEX	Common 2-piece and 3-piece BNC/TNC/SMA/SMB
	Tool & Die: 8009 **Die Only: 2075**	BNC/TNC	RG58, RG59, RG62AU, RG6 Teflon/Plenum	0.325"/0.215"/0.065" HEX	2-piece and 3-piece BNC/TNC (AIM/Cambridge, GEM)
	Tool & Die: 8010 **Die Only: 2076**	BNC/TNC	RG6, RG58	0.320"/0.210"/0.185" HEX	2-piece BNC/TNC (AIM/ Cambridge, Kings, Amphenol, GEM)
	Tool & Die: 8011 **Die Only: 2082**	BNC/TNC	Belden 1694A, & 1695A	0.315"/0.068" HEX	Common 2-piece and 3-piece BNC/TNC
	Tool & Die: 8012 **Die Only: 2045**	BNC and CATV "F" Type & HDTV	RG6 and RG6 Quad, Belden 1694A	0.360"/0.324"/0.068" HEX	Common 2-piece and 3-piece BNC/TNC, & CATV "F" 1- and 2-piece
	Tool & Die: 8013 **Die Only: 2042**	CATV "F" Type	RG59, RG6 Video cable	0.346"/0.319"/0.256" HEX	CATV "F" 1- and 2-piece
	Tool & Die: 8014 **Die Only: 2656**	N-type Plugs	RG8, RG11, RG213	0.429"/0.100"/0.080" HEX	Common 2-piece and 3-piece "N"-Type (Kings, ADC, Amphenol, etc.)
	Tool & Die: 8015 **Die Only: 2039**	N-type, MS39012 Type	RG8, RG11, RG213, RG216	0.415"/0.095" HEX	Crimps Pins and Ferrules
	Tool & Die: 8016 **Die Only: 2050**	BNC/TNC	RG8, RG213	0.402"/0.094"/0.079" HEX	Common 2-piece and 3-piece BNC/TNC
	**Tool & Die: 8045** **Die Only: 2687**	CATV "F" & RJ45	RG6 and RG6 Quad, Cat 5e, Cat6	0.360"/0.324" HEX	Common 2-piece CATV "F" & WE/SS style RJ45
	**Tool & Die: 8049** **Die Only: 2699**	BNC/TNC	Belden 1855A, 1865A, 1505A, 1505F, 1694A, 1694F, 179DT	0.278"/0.255"/0.178" /0.041"/0.068" HEX	Kings, ADC, B&L, Trompeter, Amphenol, Switchcraft

COMPLETE coaxial cable and connector cross-reference available on our website

NOTE: See page 105 in the Quick Guide for metric sizes.

Fully ratcheting action and built-in safety release.

1300 Series Crimpers

Paladin's 1300 Series is the original interchangeable-die crimping system– all the rest are mere copies of our innovation. It continues to be the answer for precision-crimping at an affordable price with over 45 die sets available for the most popular connectors. See crimp chart for specific connector and crimp dimensions.

Features:

- Fully-ratcheting cycle with built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Easy to use and maintain
- Available as complete tool with die set inserted or separate tool frame and individual die sets
- Foam-lined case available to hold frame and 6 die sets together
- Lifetime warranty

Advantages:

- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required
- Most precise and tightest tolerances on die sets in the industry
- Six ratchet gear settings for optimum crimp performance (see page for 105 for additional details)

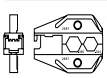
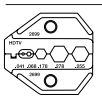
Technical	Weight	Length
Crimp tool frame	10.4 oz (296 g)	8.9" (225 mm)
Die set	2 oz. (57 g)	

Ordering	Part Number
Crimp tool frame	1302
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	1300.9
1300 crimp case	901013

2699

1302

Patented Combination die for RJ45 and Cable TV Hex-Crimp connectors

	Part Numbers	Connector Type(s)	Cable Type(s)	Crimp Sizes/Type(s)	Connector Manuf./Remarks
	Tool & Die: 1317 **Die Only: 2034**	BNC/TNC, 3 Piece	RG58, RG59, RG62AU	0.256"/0.213"/0.068" HEX	Common 2-piece and 3-piece BNC/TNC
	Tool & Die: 1319 **Die Only: 2039**	N-type, MS39012 Type	RG8, RG11, RG213, RG216	0.415"/0.095" HEX	Crimps Pins and Ferrules
	Tool & Die: 1328 **Die Only: 2042**	CATV "F" Type	RG59, RG6 Video cable	0.346"/0.319"/0.256" HEX	CATV "F" 1- and 2-piece
	Tool & Die: 1335 **Die Only: 2046**	Thinnet, BNC/TNC, Mini-UHF 50 and 75 ohm	RG58, RG174, AT&T 735 & Belden 1855A	0.213"/0.178"/0.068" HEX and 0.042"SQ	50/75 ohm small 2-piece and 3-piece BNC/TNC (Kings, ADC, etc.)
	Tool & Die: 1336 **Die Only: 2047**	BNC/TNC, and Mini-UHF 50 and 75 ohm	RG59, RG62, Belden 8281 & 1505A	0.315"/0.252"/0.068" HEX and 0.042"SQ	75 ohm 2-piece and 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.)
	Tool & Die: 1337 **Die Only: 2050**	BNC/TNC	RG8, RG213	0.402"/0.094"/0.079" HEX	Common 2-piece and 3-piece BNC/TNC
	Tool & Die: 1338 **Die Only: 2051**	BNC/TNC	RG174, RG179, & Small Cable Conn.	0.178"/0.128"/0.068" HEX	Common 2-piece and 3-piece BNC/TNC/SMA/SMB
	Tool & Die: 1347 **Die Only: 2075**	BNC/TNC	RG58, RG59, RG62AU, RG6 Teflon/Plenum	0.325"/0.215"/0.065" HEX	2-piece and 3-piece BNC/TNC (AIM/Cambridge, GEM)
	Tool & Die: 1348 **Die Only: 2076**	BNC/TNC	RG6, RG58	0.320"/0.210"/0.185" HEX	2-piece BNC/TNC (AIM/ Cambridge, Kings, Amphenol, GEM)
	Tool & Die: 1349 **Die Only: 2082**	BNC/TNC	Belden 1694A, & 1695A	0.315"/0.068" HEX	Common 2-piece and 3-piece BNC/TNC
	Tool & Die: 1356 **Die Only: 2045**	BNC and CATV "F" Type & HDTV	RG6 and RG6 Quad, Belden 1694A	0.360"/0.324"/0.068" HEX	Common 2-piece and 3-piece BNC/TNC, & CATV "F" 1- and 2-piece
	Tool & Die: 1363 **Die Only: 2653**	SMA, SMB, Mini-59 BNC/TNC, Mini-UHF	RG58, Mini-59, RG-174, small coax & Belden 1855A	0.128"/0.213"/0.197" /0.178"/0.068" HEX and 0.042"SQ	Common 2-piece and 3-piece SMA/SMB/BNC/TNC & mini-UHF
	Tool & Die: 1365 **Die Only: 2656**	N-type Plugs	RG8, RG11, RG213	0.429"/0.100"/0.080" HEX	Common 2-piece and 3-piece N-Type (Kings, ADC, Amphenol, etc.)
	Tool & Die: 1366 **Die Only: 2648**	HDTV SMA, True 75-ohm BNC/TNC, Mini-UHF, 75 ohm	RG174, RG59/62, mini-coaxial & Belden 1855A	0.255"/0.197" /0.178"/0.068" HEX and 0.042"SQ	Common 2-piece and 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.)
	Tool & Die: 1367 **Die Only: 2649**	HDTV BNC/TNC/ CATV "F" True 75-ohm	RG59, RG6, Belden 8281, 1694A & 1505A	0.324"/0.255"/0.068" HEX and 0.052"/0.042"SQ	Common 2-piece and 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.)
	Tool & Die: 1368 **Die Only: 2657**	HDTV BNC/TNC True 75-ohm	RG6, Belden 1694 & 1694A	0.278"/0.275"/0.068" HEX and 0.042"SQ	Common 3-piece BNC/TNC (Kings & ADC HDTV)
	**Tool & Die: 1387** **Die Only: 2687**	CATV "F" & RJ45	RG6 and RG6 Quad, Cat 5e, Cat6	0.360"/0.324" HEX	Common 2-piece CATV "F" & WE/SS style RJ45
	**Tool & Die: 1389** **Die Only: 2699**	BNC/TNC	Belden 1855A, 1865A, 1505A, 1505F, 1694A, 1694F, 179DT	0.278"/0.255"/0.178" /0.041"/0.068" HEX	Kings, ADC, B&L, Trompeter, Amphenol, Switchcraft

COMPLETE coaxial cable and connector cross-reference available on our website

NOTE: See page 103 in the Quick Guide for metric sizes.

SealTite® *Pro* Compression Crimper

Function

- Crimps weatherproof linear CATV "F", BNC, RCA & right-angle compression-type connectors from all manufacturers
- Works with RG6, RG6 Quad, RG59 & RG62AU coax cables

Features/Benefits

- Versatile tool - accommodates multiple connectors
- The only tool with a single, reversible head eliminating need for adapters
- No additional parts, attachments or other tools required to change from one crimp style to another
- Quickly & easily adjust crimp height
- Once properly set, lock with adjustment lock
- Five-year warranty

Technical

Weight	17 oz. (485 g)
Dimensions (in)	7.76" W x 3.26" L x 1.2" D
Dimensions (mm)	187 W x 82.8 L x 30.5 D
Rated life cycle	30,000 (unloaded)

Ordering	Part Number
SealTite® ***Pro*** Crimper	1555

SealTite® 59/6 CATV "F" Compression Crimper

Weatherproof CATV coaxial connectors and the powerful SealTite® crimper – a durable combination from Paladin Tools!

- Performs compression crimping of waterproof CATV "F" connectors for RG59 and RG6/RG6 Quad 75 ohm coaxial cables
- Works on Augat/T&B Snap-N-Seal™ connectors, AIM CATV "F" waterproof connectors and Paladin SealTite™ connectors
- Fully ratcheting one-cycle crimp function
- See connectors on next page
- One-year warranty

Technical

Dimensions (in)	8.5" H x 1.7" W x 1.0" D
Dimensions (mm)	216 H x 43 W x 25.4 D
Weight	15.9 oz (465 g)

Ordering	Part Number
SealTite® Crimper	901024

SealTite® Pro A/V Kit

New Build custom-length component video and digital and analog audio cables for smart home installations with this complete kit. Combined, these tools will terminate all compression RCA, BNC and cable TV "F" connectors using RG59, RG6 and RG6 Quad coaxial cable.

Kit Contains:

Description	Model	Quick Reference
Combination UTP/Coax Data SureStrip	1119	pg. 48
SealTite Pro Compression Crimper	1555	pg. 48
6 BONUS RG6/RG6 QS Compression Connectors:		
2 RCA	9714	pg. 62
2 BNC	9715	pg. 62
2 Cable TV "F"	9643	pg. 62
2 sets of color bands for RCA & BNC Connectors		N/A

- One-year warranty on kits; individual warranties apply to each tool

Technical	
Weight	46 oz. (1.03 Kg)
Dimensions (in)	9.86" W x 9.25" L x 1.52" D
Dimensions (mm)	250 mm W x 235 mm L x 39 mm D

Ordering	Part Number
SealTite® ***Pro*** A/V Kit	4915

**Note: kit is not available in retail packaging.*

SealTite® *Pro* Cable TV "F" Kit

Tackle all of your compression crimping jobs with the complete SealTite® ***Pro*** Kit! Includes all the tools you need to prepare the cable and terminate any compression connector using RG59, RG or RG6 Quad shield cables.

Kit Contains:

Description	Model	Quick Reference
KT 8 round cable cutter	900265	pg. 48
LC CST CATV "F" coax stripper	1257	pg. 51
RG6/RG6 Quad shield flaring tool	1917	pg. 60
SealTite® ***Pro*** compression crimper	1555	pg. 58
RG6/RG6 Quad SealTite® connectors (10)	N/A	pg. 61

- One-year warranty on kits; individual warranties apply to each tool

Technical	
Weight	46 oz. (1.03 Kg)
Dimensions (in)	8" W x 4" L x 2" D
Dimensions (mm)	203 mm W x 102 mm L x 51 mm D

Ordering	Part Number
SealTite® ***Pro*** Kit	4910

**Note: kit is not available in retail packaging.*

SealTite® Cable TV "F" Compression Connectors

Quickly make cables for satellite and cable TV with compression cable TV "F" connectors.

- Large hex nut for easy installations
- Patented design with 360° cable gripping sleeve and watertight O-ring
- Solid brass construction with nickel plating to prevent UV degradation

	RG59 & RG59 Quad	RG6 & RG6 Quad	RG6 Quad
10 pack clamshell	9642	9643	9644
20 pack clamshell	9610	9611	9612
50 pack jar	9645	9646	9647
New 100 pack bulk	9613	9614*	9615
New 1000 pack bulk	9616	9617	9618

**Also available in retail jar pack, PN 9687.*

SealTite® RCA Compression Connectors

New

Assemble custom digital and analog audio or video cables with ease.

- Patented design with 360° cable gripping sleeve and watertight O-ring
- Full gold contacts for low signal loss
- Includes slip-on color bands for easy cable identification. A set of bands includes 4 red, 2 green, 2 blue, 2 yellow and 2 white per ten connectors.
- Constructed from solid brass with nickel plating

	RG59	RG6 & RG6 Quad
10 pack clamshell	9720	9714
50 pack jar	9721	9716
500 pack bulk	9722	9743
1000 pack bulk	9723	9744

SealTite® BNC Compression Connectors

New

Terminate cables for CCTV cameras or other video applications quickly and easily.

- Patented design with 360° cable gripping sleeve and watertight O-ring
- Full gold contacts for low signal loss
- Includes slip-on color bands for easy cable identification. A set of bands includes 4 red, 2 green, 2 blue, 2 yellow and 2 white per ten connectors.
- Constructed from solid brass with nickel plating

	RG59	RG6 & RG6 Quad
10 pack clamshell	9730	9715
50 pack jar	9731	9740
500 pack bulk	9732	9741
1000 pack bulk	9733	9742

Hex Crimp Cable TV "F" Connectors

- Crimp-on style cable TV "F" connectors
- All-brass with nickel plating for durability
- Designed for indoor use

	RG59	RG6	RG6 Quad
10 pack clamshell	9676	9677	9678
50 pack clamshell	9703	9680	9681
100 pack bulk	N/A	9704	N/A
Crimp dimension	.324"	.324"	.360"

Twist-On Cable TV "F" Connectors

Easy terminations for cable TV cords – no crimper required

- Connectors twist onto cable for quick installation
- Sharp threads firmly grip cable for good connections
- EZ-SPIN™ hex nut for easy installation

	RG59	RG6
10 pack clamshell	9694	9695
50 pack clamshell	9709	9710

Push-On Cable TV "F" Connectors

Make new cables for cable TV, cable modems and UHF antennas in a snap!

- No crimp tool required. Simply strip cable and push connector onto it
- Special knurled nut offers superior grip for strong connection
- All brass, nickel-plated for durability and low signal loss
- For indoor usage only

	RG59	RG6
10 pack clamshell	9682	9683
50 pack clamshell	9684	9685
1000 pack bulk	9705	9706

Other Coaxial Connectors

Whether your application is CATV, CCTV, HDTV, cable modem, LAN, computer or Ethernet, we provide a quality connector and crimper.

Ordering (Quantity)	Part Number
BNC Terminator, 50 ohm, green cap (Qty. 10)	9504
RG59/62/210 BNC, 26-18 AWG, stranded PVC (Qty. 10)	9513
BNC Adapter (female to female) (Qty. 5)	9514
BNC Terminator, 75 ohm, violet cap (Qty. 10)	9522
Adapter, BNC (male) to RCA (female) (Qty. 1)	9718
Adapter, CATV "F" (female) to RCA (male) (Qty. 1)	9719
Adapter, CATV "F" (female) to BNC (male) (Qty.1)	901074

9688

9689

9690

New

Cable TV Splitters

- Split analog and digital cable TV signals to 2 to 4 outlets
- HDTV compatible and works with cable modems
- 75 ohm impedence
- 5-1000 MHz bandwith
- "F"-style female ports

Ordering	Part Number
2-Way Cable TV Splitter	9688
3-Way Cable TV Splitter	9689
4-Way Cable TV Splitter	9690

9669

9670

9671

New

Satellite TV Splitters

- Split satellite and digital signals to multiple outlets
- Compatible with most digital satellite brands, digital cable TV and HDTV
- 75 ohm impedence
- 5-2400 MHz bandwith
- "F"-style female ports

Ordering	Part Number
2-Way Satellite TV Splitter	9669
3-Way Satellite TV Splitter	9670
4-Way Satellite TV Splitter	9671

New

Satellite Diplexer

- Combines signal from satellite dish and UHF/VHF antenna into single coax cable output
- 5-860 MHz antenna and 950-2450 satellite power pass
- For RG6 or RG6 Quad
- An additional diplexer can be used to split signals again for connection to satellite and antenna ports on receivers
- Diplexed signals can be distributed through an amplifier to send signal to multiple outlets

Ordering	Part Number
Satellite Diplexer	9673

New

In-Line Amplifier

Boost signals to multiple outlets or on long cable runs.

- Works with satellite dish or terrestrial antenna installations with over 50' of cable
- Digital TV ready
- 20 dB gain
- DC 12-18V
- 950-2400 MHz maximum bandwidth

Ordering	Part Number
In-Line Amplifier	9672

Dual Port Ground Block

- Provides a positive ground connection between two coaxial shields and the ground wire.
- Creates a connection for the dissipation of any unwanted electrical charges
- Solid nickel plated zinc alloy
- High-performance, 360° contact, for up to 3.0 GHz
- Suitable for satellite or cable TV
- UL/CSA approved

Ordering	Part Number
Dual Port Grounding Block	9674

Cable TV "F" Terminators

Improve home theater, satellite or digital cable system performance by terminating unused "F" ports on modules

- Solid brass body with nickel plating
- ½ watt resistor (5% tolerance); 75 ohm

Ordering	Part Number
CATV "F" Terminators (10)	9686

Female Splice Adapter

- Cable TV "F" female-to-female barrel adapter
- Designed for performance up to 3.0 GHz
- Gold-plated contacts
- 2 pack

Ordering	Part Number
Female Splice Adapter	9675

LAN ProNavigator™ Tester & Remote

If you're a technician on the go, you need the LAN ProNavigator™ from Paladin Tools! Two-piece tester includes main unit and remote with test results at both ends.

Features:

- One-button, simple testing (PASS/FAIL or fault find) with results in one second
- Traces wires with tone & remote lights
- Quick fault analysis on coax & UTP/STP data cables
- Detects Opens, Shorts, Crossed Wires & Split Pairs
- Compact & lightweight, comfortable to hold
- Test status lights at both ends (main unit & remote)

Specifications:

- Generates oscillating audio tone for use with tone probes to locate cables.
- Tests common BNC connected 50 and 75 ohm coaxial cables up to 320 feet (100 meters) for continuity.
- Tests coaxial cable types RG58, RG59, RG6, RG6 Quad, Belden 8281, RG8, RG11 and more.
- Belt clips provided and lanyard holes embedded in case.
- Features low battery test and auto-off function.
- Includes 9-volt battery.
- One-year warranty

Ordering	Part Number
LAN ProNavigator™ test set (main & remote), 2 RJ45 patch cords, 2 belt clips, 12 oz.(342 g)	1543
LAN ProNavigator™ test set (main & remote), 2 RJ45 patch cords, 2 BNC coaxial cables, 2 CATV "F"-to-BNC adapters, 1 BNC/BNC adapter, 1 shielded RJ45 coupler, 2 belt clips in durable case	901066
Adapter, CATV "F" (female) to BNC (male)	901074
Adapter, RCA (female) to BNC (male)	9718

Note: For technical weights and dimensions, see to page 30.

SoHo Cable-Check™

New This new Cable-Check™ is a combination tester designed for smart home installations to test continuity of twisted pair network and coaxial cables.

Function:

Network

- Tests RJ45 patch cords and network installations to identify good connections, opens, shorts or cross-connections
- Identifies data and telephone connection schemes
- Maps cable pin-out

Coax

- Tests continuity of cords and installed cable runs
- Identifies good connections, opens and shorts

Features and Benefits:

- Automatic scanning
- User selectable slow or fast speeds
- Quickly check cable installations and patch cords
- Easy-to-use with clear LED read-outs

Includes:

- 2 RJ45 patch cords
- 75-ohm male terminator
- Cable TV "F" female adapter
- 9V battery
- Durable, nylon carrying case
- One-year warranty

Technical	Main Unit	Remote
Weight	4.6 oz. (130 g)	.7 oz. (20 g)
Dimensions	5.5 L x 2.5 W x 1.6 D	2.9 L x 1.1 W x .86 D
	140 x 64.5 x 41	74.4 x 28.7 x 21.9

Ordering	Part number
SoHo Cable-Check™	1578

PC Cable-Check® PRO

The new PC Cable-Check Pro is an even more powerful troubleshooting tool than the original. It is truly a universal cable mapper that checks common PC, Mac, video, network and coax cable assemblies for proper wiring and operation.

- Quickly & easily troubleshoot cables to eliminate the cable as the source of a problem
- True cable mapping for over 20 different cable types: BNC coax & S-Video, VGA, Firewire, USB & Mini-USB, PS/2, parallel printer, RS-232 serial and Cat5e or Cat6 LAN
- Supports these connectors: male and female DB9, DB15, DB25 and HDB15; 36-pin Centronics printer; RJ11, RJ12, RJ45 shielded & unshielded; BNC coax female; male and female mini-DIN6; female mini-DIN4; USB-A and USB-B; mini-USB 5-pin; IEEE 1394 FireWire 4- and 6-pin
- Tests 50 ohm cables up to 1000' (305 m) & 75 ohm cables up to 600' (183 m)
- Easy to read and understand LED indicator lights
- New rugged case with built-in handle for easy transport
- Auto scan or manual scan modes
- Rubber feet grip to desk or bench to prevent slipping
- Auto-off after 30 seconds of non-use to extend battery life
- 9V battery included
- One-year warranty

Technical	
Weight	1.2 lbs. (.54 Kg)
Dimensions (in)	11 H x 6.65 W x 1.60 D
Dimensions (mm)	279 H x 169 W x 41 D
Power reqs.	9VDC battery (one)
Output signal	8VDC@10mA

Ordering	Part Number
PC Cable-Check® Pro	1577

Ultimate Premise Service Kit

This kit is designed for today's on-the-go LAN professional. It provides all the tools and testers you need to maintain your data, voice and video networks all in our Ultimate Tool Bag that's always ready.

Kit Contains:

Description	Model	Quick Reference
KT8 round cable cutter	900265	pg. 49
Data SureStrip® UTP/STP & flat satin cutter/stripper	1116	pg. 14
LC CST CATV "F" coax stripper	1257	pg. 52
CrimpALL® crimp frame with EZI-CHANGE™ thumb screws	8000	pg. 56
Die sets:		
RJ11/12 WE/SS-style	2062	pg. 25
RJ45 WE/SS-style & RG6/RG6 QS CATV "F"	2687	pg. 57
SurePunch® Pro punchdown tool	3589	pg. 19
110 blade	4572	pg. 20
66 blade	4573	pg. 20
LAN ProNavigator® tester	1543	pg. 65
Telephone Test Set & LAN Cable-Check™	1573	pg. 32
RJ45 adapter	1902	pg. 31
(2) BNC-to-CATV "F" adapters	901074	pg. 65
Ultimate Tool Bag	4923	pg. 35
Plano® plastic tackle box	4922.3	pg. 35

- Lifetime warranty on bag; individual warranties apply to each tool

Technical	
Weight	6.1 lbs. (2.8 Kg)
Dimensions (in)	11" W x 8.5" L x 6" D
Dimensions (mm)	279 mm W x 216 mm L x 52 mm D

Ordering	Part Number
Ultimate Premise Service Kit	4933

Ultimate Technician Kit

Kit Contains:

Description	Model	Quick Reference
KT8 round cable cutter	900265	pg. 49
Data SureStrip® UTP/STP & flat satin cutter/stripper	1116	pg. 14
LC-CST CATV "F" coax stripper	1257	pg. 52
Untwist tool	1923	pg. 22
CATV "F" flaring & attachment tool - RG6/RG6 QS	1927	pg. 53
SealTite® ***Pro*** compression crimper	1555	pg. 29
All-in-One Phone/Data tool	1556	pg. 19
SurePunch® ***Pro*** punchdown tool	3589	pg. 19
SurePunch® ***Pro*** detachable LED light	4599	pg. 20
110 blade	4572	pg. 20
Double 110 blade	4591	pg. 20
66 blade	4573	pg. 20
BIX blade	4574	pg. 20
Krone LSA blade	4575	pg. 20
LAN ProNavigator® tester	1543	pg. 65
Telephone Test Set & LAN Cable-Check™	1573	pg. 32
RJ45 adapter	1902	pg. 31
Can wrench	1900	pg. 22
(10) RJ22 handset plugs	N/A	N/A
(10) RJ11/12 plugs, stranded, flat cable	9520	pg. 23
(10) RJ45 plugs, Cat5e, solid, round cable	9546	pg. 23
(10) CATV "F" RG6/RG6 QS connectors	9644	pg. 23
(2) BNC-to-CATV "F" adapters	901074	pg. 65
Ultimate Tool Bag	4923	pg. 35
Plano® plastic tackle box	4922.3	pg. 35

- Lifetime warranty on bag; individual warranties apply to each tool

Technical	
Weight	7.2 lbs. (3.3 Kg)
Dimensions (in)	11" W x 8.5" L x 6" D
Dimensions (mm)	279 mm W x 216 mm L x 52 mm D

Ordering	Part Number
Ultimate Technician Kit	4932

Premise Service Kit

This data, voice, and coaxial LAN installation kit provides everything for twisted pair and coaxial cable installation. All tools contained in a professional blow-mold case complete with form-fitting foam.

Kit Contains:

Description	Model	Quick Reference
KT 8 round cable cutter	900265	pg. 49
Data SureStrip® UTP/STP & flat satin cutter/stripper	1116	pg. 14
LC CST CATV "F" coax stripper	1257*	pg. 52
CrimpALL® Crimp Frame with EZI-CHANGE™ thumb screws	8000	pg. 56
Die sets:		
RJ45 WE/SS-style & CATV "F"	2687**	pg. 56
RJ11/12 WE/SS-style	2062*	pg. 25
SurePunch® PRO punchdown tool	3589	pg. 19
SurePunch® PRO detachable light & batteries	4599	pg. 19
110 blade	4572	pg. 20
66 blade	4573***	pg. 20
LAN ProNavigator® UTP/STP continuity tester	1543	pg. 65
LAN Cable-Check & Telecom Test set	1573	pg. 32
RJ45 8-way adapter	1902	pg. 31
Adapter, CATV "F" (female) to BNC (male)	901074	pg. 65

** Replaced with LC CST-58/59 coax stripper*
*** Replaced with RJ45 AMP-style & RG58/59 BNC/TNC die*
**** Replaced with BIX or Krone blade*

- One-year warranty on kits; individual warranties apply to each tool

Technical

Weight	7.6 lbs. (3.5 Kg)
Dimensions (in)	17" W x 13.4" L x 4.5" D
Dimensions (mm)	432 mm W x 341 mm L x 115 mm D

Ordering	Part Number
Premise Service Kit	901039
Premise Service Kit - AMP/Krone*†	9010391
Premise Service Kit - AMP/BIX*†	9010392

**WE/SS - style replaced with AMP - style.* *†66 blade replaced with BIX or Krone*

BroadcastReady™ Kit

The BroadcastReady™ Kit includes professional tools for cutting, stripping, crimping and testing coaxial cable connections for HDTV, video and RF communications. Protected by a padded, zipper case, BroadcastReady contains:

Kit Contains:

Description	Model	Quick Reference
KT 8 round cable cutter	900265	pg. 49
CST stripper frame with blades	1250	pg. 51
CST GRN – common connectors	2240	pg. 51
CST OG – Kings & Amphenol 3-piece	2247	pg. 51
CST BK – ADC, Amphenol HDTV	2248	pg. 51
1600 Series crimp frame	1600	pg. 54
Die sets*:		
BNC/TNC RG174 & other small cable	2003	pg. 55
BNC/TNC - RG58/59 & other small cable	2005	pg. 55
BNC/TNC HDTV - Belden 8281 & 7505	2660	pg. 55
BNC/TNC HDTV - RG59, & Belden 1505 & 8241	2661	pg. 55
BNC/TNC HDTV - RG6, & Belden 1694A & 1855A	2662	pg. 55
BNC/TNC HDTV – Belden 1694A & 8281 & NT735	2663	pg. 55
Screwdriver to change dies	N/A	N/A
Coax-Check® Remote tester	1565	pg. 65
LAN ProNavigator® tester & remote	1543	pg. 65

- One-year warranty on kits; individual warranties apply to each tool

Technical

Weight	3 lbs. (1.4 Kg)
Dimensions (in)	10.5" W x 2.75" L x 3.25" D
Dimensions (mm)	267 mm W x 197 mm L x 83 mm D

Ordering	Part Number
BroadcastReady™ Kit	901083

**See die set matrix on pages 53 for crimp size dimensions.*

CoaxReady™ Deluxe Kit

Perfect for LAN/Ethernet or video & CATV installation. For a wide variety of coaxial connectors including mini-coax and HDTV applications, CoaxReady™ Deluxe combines our most popular tools for a complete coax solution in a handy zipper case. This kit includes:

Kit Contains:

Description	Model	Quick Reference
KT 8 round cable cutter	900265	pg. 49
LC CST-58/59 coax stripper	1255	pg. 52
1300 crimp tool frame with EZI-CHANGE™ thumb screws	1302	pg. 58
Die sets*:		
BNC/TNC - RG58/59/62AU	2034	pg. 59
BNC/TNC - CATV "F" RG59/6/ Belden 8281/1694A and 1505A	2649	pg. 59
SMA/SMB/Mini 59 BNC & TNC/Mini-UHF	2653	pg. 59
SoHo Cable Check™	1578	pg. 66

- One-year warranty on kits; individual warranties apply to each tool

Technical	
Weight	3 lbs. (1370 g)
Dimensions	10" H x 7.5" W x 2" D
	254 mm W x 191 mm L x 51 mm D

Ordering:	Part Number
CoaxReady™ Deluxe Kit	901081

**See die set matrix on pages 57 for crimp size dimensions.*

CoaxReady™ Kit

With this kit a technician is set to tackle most coaxial cabling challenges! Perfect for the LAN/Ethernet or video installation installer. For a wide variety of coaxial connectors including mini-coax applications, CoaxReady™ combines our most popular tools with the new LC CST coax stripper in a handy zippered case. This kit includes:

Kit Contains:

Description	Model	Quick Reference
KT 8 round cable cutter	900265	pg. 49
LC CST-58/59 coax stripper	1255	pg. 52
1300 crimp tool frame with EZI-CHANGE™ thumb screws	1302	pg. 58
Die sets*:		
BNC/TNC - RG58/59/62AU	2034	pg. 59
BNC/TNC - RG58/59/62AU RG6 Teflon/Plenum	2075	pg. 59
SMA/SMB/Mini 59 BNC & TNC/Mini-UHF	2653	pg. 59

- One-year warranty on kits; individual warranties apply to each tool

Technical	
Weight	2.5 lbs. (1140 g)
Dimensions	10" H x 7.5" W x 2" D
	254 mm W x 191 mm L x 51 mm D

Ordering:	Part Number
CoaxReady™ Kit	901054

**See die set matrix on pages 57 for crimp size dimensions.*

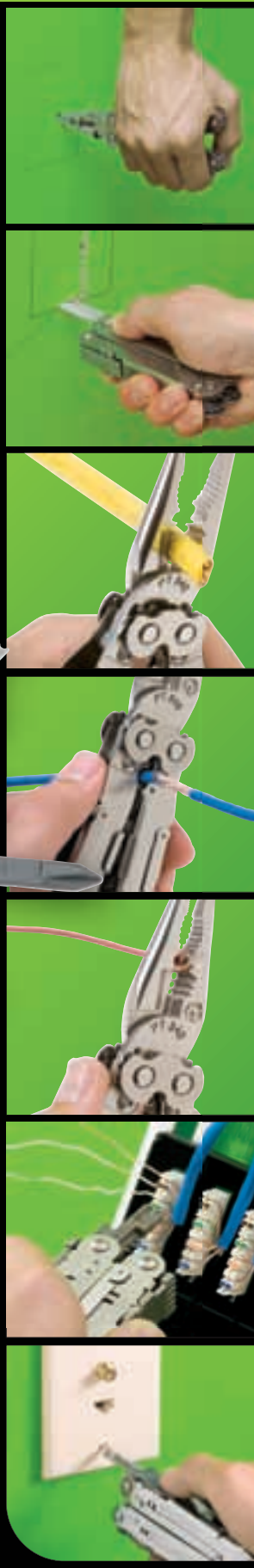
WEAR EYE
PROTECTION
DO NOT USE ON
LIVE CIRCUITS

One tool from start to finish

TOOLS-IN-ONE 30

PowerPlay™

TELECOM | DATACOMM | ELECTRICAL



It's a complete tool kit that fits in your palm.

The only multi-tool designed for datacomm, telecom and electrical installations.

- Rough-in outlet boxes with drywall punch and saw
- Cut and strip Romex®, Cat5e & other low voltage wires/cables
- Terminate 110 & 66 blocks with punchdown tools
- Crimp terminal lugs for security & other low voltage
- Patented Compound Leverage™ Gear System delivers 2X the power for cutting & gripping
- Field-replaceable folding components
- Pivoting handle covers for comfortable, sure grip
- PowerLocks™ secure components in place while in use
- Effortless one-handed flip-open

LIMITED LifeTime WARRANTY

New

PowerPlay™ PT-540

30 Tools-In-One:

TOOLS-IN-ONE 30

- Needle Nose and Gripping Pliers
- 110 and 66 Punchdown Tools
- UTP and Round Wire Stripper
- Extra Large Wire Cutter – up to 10 AWG Romex®
- Wire Cutter – up to Cat5e UTP cable
- 7 Wire Strippers - 10/12/14/18/20/22/24 AWG
- PowerLocks™ Secure Folding Components
- Drywall Punch and Saw
- Hard Wire Cutter Notch
- 24-18 AWG Lug Terminal Crimpers
- 18-14 AWG Lug Terminal Crimpers
- Wire Hook and Spudger
- #4 and #6 Slotted Screwdrivers
- #1 Phillips Screwdriver
- SOG Knife with ½ Serrated Blade
- 3-in-1 File and Bottle Opener
- 7/16" and 3/8" Nut Drivers
- Ruler and Lanyard
- Leather Sheath Included
- Lifetime warranty

Technical	
Weight	10.4 oz. (295 g)
Length (closed)	5" (127 mm)
Length (open)	7.5" (191 mm)

Ordering	Part number
PowerPlay™ PT-540	6520

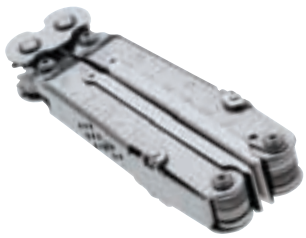
PowerPlay™ PT-525

24 Tools-In-One:

TOOLS-IN-ONE 24

- Needle Nose & Gripping Pliers
- 110 & 66 Punchdown Tools
- Romex® Wire Cutter
- UTP Stripper
- 6 Wire Strippers - 12/14/18/20/22/24 AWG
- Drywall Punch & Saw
- #4 & #6 Slotted Screwdrivers
- #1 Phillips Screwdriver
- 1/4" Square Drive with Hex Bit Adapter
- SOG Serrated Knife
- 3-in-1 File
- Wire Hook & Spudger
- Bottle Opener
- Ruler
- Leather Sheath included
- Lifetime warranty

Bits not included



Technical	
Weight	9.6 oz. (272 g)
Length (closed)	4.75" (121 mm)
Length (open)	7" (178 mm)

Ordering	Part number
PowerPlay™ PT-525	6510

KS 42 Cable Cutter - 600 MCM

Our precision, fully ratcheting KS 42 cable cutter features ergonomically designed handles for comfort and a steady grip. The KS 42 is a professional cutter for stranded and flexible copper and aluminum cable up to 600 MCM (300 mm²) or diameter of 1.77" (45 mm).

- Hardened, precision cutting blades for long life
- Built-in safety release in all cutting positions
- Locking mechanism for transport safety
- Precision ratchet mechanism for effortless operation
- Not for use on steel, aluminum alloys or hard-drawn copper cables*
- One-hand operation
- Lifetime warranty on tool; one-year on replacement blades

Maximum cable cutting capacity	
Copper	
Stranded & Flexible	600 MCM (300 mm²)
Sector-shaped	4x140 MCM (4x70 mm²)
Aluminum	
Stranded & Flexible	600 MCM (300 mm²)
Sector-shaped	4x190 MCM (4x95 mm²)
Telephone	
Data & Control	1.80" (45 mm) dia.

Technical	
Weight	34 oz. (962 g)
Length	10.24" (260 mm)

Ordering	**Part Number**
KS 42 cable cutter*	1819.1
Replacement moving blade†	1819.016

**Do not use on live circuits.*
†Contact us for information on other replacement parts.

KT 35 Cable Cutter - 500 MCM

Cutter for stranded and flexible copper and aluminum cable up to 500 MCM (240mm²) or diameter of 1.40" (35mm).

- Both blades are sharpened
- Hole in moving blade to hang tool on a peg
- Replaceable moving blade
- Hardened, precision cutting blades for long life
- Built-in safety release in all cutting positions
- Locking mechanism for transport safety
- Cut 100-pair telephone cable one handed!
- Not for use on steel, aluminum alloys, hard-drawn copper or ACSR cables
- Lifetime warranty on tool; one-year on replacement blades

Maximum cable cutting capacity	
Copper	
Stranded & Flexible	500MCM (240 mm²)
Aluminum	
Stranded & Flexible	500MCM (240 mm²)
Telephone	
Data & Control	1.40" (35 mm) dia.

Technical	**Weight**	**Length**
KT 35	24 oz. (680 g)	10.4" (265 mm)

Ordering	**Part Number**
KT 35*	900256
Replacement moving blade†	900258

**Do not use on live circuits.*
†Contact us for information on other replacement parts.

Blades designed so cable stays round

KT 8 & KT 12 Cutters

Precise and professional cutters for solid, stranded and flexible cables up to AWG 6 (16 mm²) (KT 8) and AWG 2 (35 mm²) (KT 12).

- Blades outlined for two conductor size ranges
- Precise and effortless cuts
- Hand-stops prevent slips
- No screw design to ensure precise attachment
- Textured handles
- Blades can be sharpened with a round file
- Not for use on steel, aluminum alloys or hard-drawn copper cables
- Perfect cutter for coax and UTP cables; doesn't deform cable
- Lifetime warranty

	KT 8*	KT 12*
Max. cable cutting capacity		
Copper		
Solid	AWG 6 (16 mm²)	AWG 6 (16 mm²)
Stranded	AWG 6 (16 mm²)	AWG 4 (25 mm²)
Flexible	AWG 6 (16 mm²)	AWG 2 (35 mm²)
Aluminum		
Stranded	AWG 6 (16 mm²)	AWG 6 (16 mm²)
Technical		
Weight	6.3 oz. (180 g)	10.5 oz. (300 g)
Length	6.5" (165 mm)	8.47" (215 mm)
Ordering/Part Number	900265	900266

**Do not use on live circuits.*

Utility Cable Cutter

Utility cable cutter for solid, stranded and flexible cable up to AWG 2/0 (70 mm²).

- Optimal blade geometry for low cutting force
- Not for use on steel, aluminum alloys or hard-drawn copper or ASCR cables
- Lifetime warranty

Maximum cable cutting capacity	
Copper	
Solid	AWG 6 (16 mm²)
Stranded	AWG 2 (35 mm²)
Flexible	AWG 2/0 (70 mm²)
Aluminum	
Stranded	AWG 2/0 (70 mm²)
Technical	
Weight	16 oz. (453 g)
Length	9.4" (240 mm)
Ordering	**Part Number**
Utility cable cutter*	1817.1

**Do not use on live circuits.*

The AM 25 & 35 are both great for corrugated aluminum armor cables!

1820

Preset height adjustment

AM 25 Slitter

Get the ***original*** tool designed for slitting cable insulation! Strips and slits round cables with 0.18"-1.0" (4.5-2.5 mm) diameter. Not for polyethylene, polypropylene, or XLP insulations.

- Adjustable cutting depth
- Swivel blade for circular, longitudinal and spiral cuts
- Spare blade in handle
- Cable holding clip with integrated edge for removing slit insulation
- Laser-trimmed, stainless-steel blade for long use
- Slits PVC, Teflon and THHN
- Perfect for armored cable
- Lifetime warranty on tool; one-year on blades

Technical	
Weight	4.7 oz. (133 g)
Length	5.3" (135 mm)

Ordering	**Part Number**
AM 25*	1820
Replacement blade	2109

**Do not use on live circuits.*

AM 35 Slitter

Get the ***original*** tool designed for slitting cable insulation! Strips and slits round cables from 1.0"-1.4" (25-35 mm) in diameter. Not for polyethylene, polypropylene, or XLP insulations.

- Adjustable cutting depth for insulation up to 0.18" (4.5 mm) thick
- Swivel blade for circular, longitudinal and spiral cuts
- Spare blade in handle
- Cable holding clip with integrated edge for removing slit insulation
- Laser-trimmed, stainless-steel blade for long use
- Slits PVC, Teflon and THHN
- Lifetime warranty on tool; one-year on blades

Technical	
Weight	5 oz. (141 g)
Length	5.5" (140 mm)

Ordering	**Part Number**
AM 35*	1821
Replacement blade	2109

**Do not use on live circuits.*

Universal Slitter

Slits and strips round cables with a diameter of 0.18" to 1.40"(4.5-35 mm). Quickly removes insulation without nicking conductor. For power and telecommunication cables 500-1200 MCM. (240-600 mm^2). Not suitable for XLP insulation.

- Precision stripping and slitting of rubber, PVC, nylon and most insulation materials
- Adjustable depth of cut
- Circumferential, longitudinal and spiral cuts
- Cable is supported during use
- Cable support arm edge is used to pry off thick insulation
- Laser-trimmed, stainless-steel blade for long use
- A perfect tool for mid-point taps
- Spare blade included
- Lifetime warranty on tool; one-year on blades

Technical	
Weight	7 oz. (200 g)
Length	5.7" (145 mm)

Ordering	**Part Number**
Universal slitter*	1822
Replacement blade	2109

**Do not use on live circuits.*

stripax® Pro 6 & Pro 16

Now for THHN and THHW industrial insulations! The original stripax set the industry standard for precision stripping for a decade. The new stripax® Pro 6 and Pro 16 perform powerful stripping of standard and industrial insulations for a wire range of 28-10 AWG (.08-6 mm²) and 10-6 AWG (6-16 mm²) respectively. The ergonomically designed, contoured handles let you hold the tool in a natural position so stripping is comfortable and requires less effort.

- Consistently strips heavy-duty and industrial insulations including THHN & THHW
- Strips standard insulations including PVC, rubber and silicone
- Provides nick-free stripping of insulation with no damage to conductors
- Built-in cutter provides a smooth, straight cut without distorting the conductor
- Fine adjustment slider on top of tool lets you adjust to the insulation thickness
- Handles designed for comfort and require low hand force
- Not for Teflon or Kapton hard insulations (use P/N 1115P mini-stripax Plus with a Teflon blade for these insulations)
- Perfect companion for any of our wire ferrule crimpers
- Strippers carry a lifetime warranty; blade warranty is one year for defects only

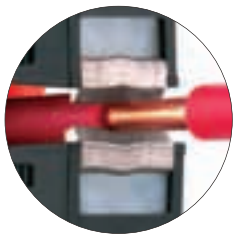
Technical

Weight	5.5 oz. (156 g)
Length	7.25" (185 mm)

Ordering	Part Number
stripax Pro 6 (28-10 AWG)* (.08-6.0 mm²)	1113
stripax Pro 6 replacement stripping blade set	2113
stripax Pro 16 (10-6 AWG)* (6.0-16 mm²)	1114.1
stripax Pro 16 replacement stripping blade set	2114.1

**Do not use on live circuits.*

† 68 spring- compression blades precisely adjust to the insulation



68 spring- compression blades on Pro 6†

Adjustable wire stop to set strip lengths

Cutter on bottom means less hand force required

Round stripping blades on Pro 16 cut insulation cleanly

SureStrip® 4.0

High-quality wire stripping and cutting tool for 20-12 AWG (0.5-4.0 mm²).

- Strips stranded and solid conductors with PVC insulation
- Strips multiple conductors and thin, ribbon-cable conductors simultaneously
- Built-in wire cutter
- Precision self-adjusting blades prevent wire damage
- Strips double-insulated cables in two work cycles
- User-replaceable stripping blades
- Adjustable wire stop to set strip lengths
- Value stripper to prepare wire for wire and ferrule terminaion
- One-year warranty

Technical	
Weight	5.2 oz. (147 g)
Length	7.9" (200 mm)

Ordering	**Part Number**
SureStrip® 4.0*	904893
Replacement stripping blade set	901022

**Do not use on live circuits.*

mini-stripax® plus

Universal wire stripper and cutter that uses changeable blades to strip PVC and Teflon® insulation. Strips PVC-insulated wire in the range of 28-18 AWG (0.80-1.0 mm²) and Teflon-insulated wire in the range of 32-18 AWG (.032-1.0 mm²).

- Strips flexible and solid conductors with PVC, Teflon, silicone and other special insulations
- Strips multiple conductors and thin ribbon-cable conductors simultaneously
- Adjustable wire stop and built-in wire cutter
- 28-18 AWG (0.80-1.0 mm²) PVC blade included
- Lifetime warranty on tool; one-year on blades
- See replacement blades on next page

Technical	
Weight	4 oz. (114 g)
Length	5.3" (135 mm)

Ordering	**Part Number**
mini-stripax® plus*	1115P

**Strips PVC only. Do not use on live circuits.*
For Teflon, order blades separately see page 78.

mini-stripax® plus Replacement Blades

Interchangeable mini-stripax® plus blades for stripping Teflon® and silicone insulations.

- Easy to install using quick pull pins in the mini-stripax jaw
- Includes top and bottom blades, spring and wire stop
- Specially formed stripping blades ensure no damage to the conductor
- One-year warranty defects only

Ordering

Description [color]	Part Number
AWG 28-18 (0.8-1.0 mm²) PVC only [white]	2108
AWG 18 (0.8 mm²) Teflon [black]	2140
AWG 20 (0.5 mm²) Teflon [blue]	2141
AWG 24-22 (0.22-0.34 mm²) Teflon [green]	2142
AWG 28-26 (0.08-0.1 mm²) Teflon [red]	2143
AWG 32-30 (0.032-0.05 mm²) Teflon [yellow]	2144

stripax® plus 2.5 Wire Ferrule Multi-Tool

Cuts and strips wire and crimps wire ferrules. Professional-quality multi-functional tool for use with Weidmüller ferrules in strip form for a wire range of 20-14 AWG (0.5-2.5 mm²).

- One tool performs three functions: cut, strip and crimp
- Automatic ferrule feed into crimping station
- Strip-form ferrules for easy loading
- Front-feed for wire stripping
- Side-feed for wire cutting and ferrule crimping
- Ferrules conform to DIN 46228 part 4
- Lifetime warranty on tool; one-year on blades

Technical

Weight	7.4 oz. (210 g)
Length	10.24" (260 mm)

Ordering	Part Number
stripax® plus 2.5	902000
Replacement cutting blade*	2110

**Tool must be returned to factory for stripping blade replacement service*

Adjustable Wire Stripper & Cutter

Perfect for cutting and stripping all wire types.

- Adjustable blades from 30-10 AWG (.05-6 mm²)
- Economical tool for multiple cables
- One-year warranty

Technical

Weight	3 oz. (86 g)
Length	5" (127 mm)

Ordering	Part Number
Adjustable wire stripper & cutter*	1161

**Do not use on live circuits.*

Grip*P*-Strippers 10 & 20

These wire strippers combine ergonomics and versatility! Strip 30-10 AWG wire and cable using only two tools for electrical wire, hook-up wire & multi-conductor cable. Also cuts flat cables.

- Head of tool and handles designed at optimum 22° angle to prevent awkward wrist bends
- Spring-loaded closure
- Contoured wire stripping areas precision ground for accuracy
- Non-scoring strip and smooth wire cutting
- Features screw cutter and wire loops embedded in frames
- Built-in safety lock
- Gripping jaws on front of tool
- 1117 will work on Romex household cable
- Not for use on steel or armored wire and cable
- One-year warranty

Technical

Weight	6.5 oz (185 g)
Dimensions	7.1"L x 2.25"W x .65"D
	180 mm x 57 mm x 17 mm

Ordering	**Part Number**
Grip*P* 10 cutter/stripper (22-10 AWG/.34-6 mm²)	1117
Grip*P* 20 cutter/stripper (30-20 AWG/.05-.5 mm²)	1118

**Do not use on live circuits.*

P-Strippers 10 & 20

Use only two tools to cut and strip round wire & cable with a range of 30-10 AWG! The economical P-strippers cover the most common ranges of insulated wire with reliable action.

- Made of heat-treated, hardened steel
- Precision-ground blades with wire gauge markings
- Non-slip handles
- Built-in safety lock, nose clamp, steel screw cutter and wire loop
- Strips the following insulation types:
  - THHN, THHW and Kapton
  - Small, Teflon® hard insulation (30-24 AWG only)
  - Standard PVC, rubber, polyurethane, polyethylene and silicone
  - 1105 strips Romex household wiring cable
- Not for steel or armored wire and cable
- One-year warranty

Technical

Weight	4 oz. (114 g)
Length	6.5" (165 mm)

Ordering	**Part Number**
P-stripper 10 cutter/stripper (AWG 22-10)(.34-6 mm²)	1105
P-stripper 20 cutter/stripper (AWG 30-20)(.05-.5 mm²)	1106

**Do not use on live circuits.*

1600 Crimp Tools

The 1600 Series is Paladin Tools' premium crimper family designed for the professional that demands superior quality and reliability. It is the most widely used tool amongst broadcast installers and professional cable assembly companies.

Most of the 1600 Series crimpers for industrial and electrical applications have a fixed-die system. This ensures that the die sets are properly aligned and the tool is factory calibrated. These dies are made of an even higher grade steel and are double-plated to ensure the proper ruggedness.

Features:

- Precision-calibrated crimp profiles
- Finest-quality tool steel
- Long-lasting tool that delivers over 75,000 crimp cycles
- Ultra-smooth, advanced ratcheting system with built-in safety release
- Rugged, double-plated jaw design for increased life span
- Lifetime warranty on tool; one-year on die sets

Advantages:

- Smallest grip hand tool on the market with the longest life span available
- True ergonomic rubber handles that are soft and won't quickly wear out or break
- Lowest hand-force of the long-life crimp tools on the market without compromising superior crimp force
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the tool does the work

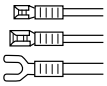
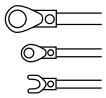
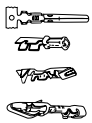
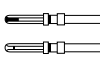
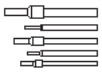
Technical	Weight
Crimp tool frame	19 oz. (538 g)
Die set	2 oz. (57 g)

Ordering	Part Number
Crimp tool frame	1600
Replacement handles	1600.9
Thumb screws (1 set)	2307

Rugged, double-plated jaw design for increased life span

Precision ratchet for precision crimping.

Reduced handle grip distance makes it easy for both small and large hands

	Part Numbers	Connector Type(s)	Cable Type(s)	Crimp Sizes Type	Connector Manufact./Remarks
Insulated Terminal Crimpers					
	**Tool & Die: 1605*** **Die Only: NONE**	Insulated terminals & lugs	Solid or stranded wire, 22-14 AWG (.34-2.5 mm²)	16-14(Blue)/22-18(Red) (1.5-2.5/.34-.75 mm²) Terminal-Elliptical 2-level	Standard commercial terminals
Non-Insulated Terminal Crimpers					
	**Tool & Die: 1618*** **Die Only: NONE**	Non-insulated terminals & lugs	Solid or stranded wire, 20-10 AWG (.5-6.0 mm²)	12-10/16-14/20-18 AWG (4-6/1.5-2.5/.5-.75 mm²) Terminal, Indent	Standard commercial terminals
Open Barrel Contacts, Box Contacts, and Terminals Crimpers					
	**Tool & Die: 1631*** **Die Only: NONE**	Open barrel contact pins	Stranded wire, 24-14 AWG (.2-2.5 mm²)	24-22/18-14 F-Type (..2-.34/.75-2.5 mm²)	Molex/Waldom/ Leoco type connectors
	Tool & Die: 1645* **Die Only: NONE**	Open barrel contact pins	Stranded wire, 30-18 AWG (.05-.75 mm²)	30-24/22-18 F-Type (.05-.2/.34-.75 mm²)	Molex/Waldom/ Leoco type connectors
	**Tool & Die: 1646*** **Die Only: NONE**	Open barrel D-sub contact pins	Stranded wire, 28-20 AWG (.08-.5 mm²)	28-24/22-20 F-Type (.08-.2/.34-.5 mm²)	For standard D-sub pins only
	Tool & Die: 1670 **Die Only: NONE**	Rack and panel open barrel contacts	Solid or stranded 28-18 AWG (.08-75 mm²)	28-24 /22-18 (.08-.2/.34-.75 mm²)	EDAC or ELCO
Wire Ferrule Crimpers					
	Tool & Die: 1647 **Die Only: 2681**	Insulated & Non-insulated Ferrules	Stranded wire, 20-10 AWG (.5-6 mm²)	20-10 Trapezoid (.5-6.0 mm²)	For DIN or US type wire ferrules
	**Tool & Die: 1648*** **Die Only: NONE**	Insulated & Non-insulated Ferrules	Stranded wire, 20-12 AWG (.5-4 mm²)	20-12 Trapezoid (.5-4.0 mm²)	For DIN or US type wire ferrules
	Tool & Die: 901435* **Die Only: NONE**	Insulated & Non-insulated Ferrules	Stranded wire, 24-10 AWG (.2-6 mm²)	24-10 Trapezoid (.2-6.0 mm²)	Rotatable crimp die
	Tool & Die: 1649* **Die Only: NONE**	Insulated & Non-insulated Ferrules	Stranded wire, 10-6 AWG (6-16 mm²)	10/8/6 Trapezoid (6/10/16 mm²)	For DIN or US type wire ferrules

*The die sets for these tools are NOT removable or interchangeable. Removal of the die sets will void the warranty and cause the tool to lose calibration.

CrimpALL® Series Crimpers

The 8000 Series CrimpALL® is designed with user satisfaction in mind. This world-class crimp tool is designed for superior comfort and ease of use. It is an exceptional value and uses the same die sets as our 1300 Series crimpers.

Features:

- Ultra-smooth, fully ratcheting crimp cycle with built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Soft, rubber-embedded handles
- Long-lasting tool that delivers over 50,000 crimp cycles
- Rugged, double-plated jaw design to increase life span
- Lifetime warranty on tool; one-year on die sets

Advantages:

- Angled head to prevent awkward wrist bending during operation
- Reduced handle grip distance makes it easy for both small and large hands
- Higher crimp force produced with less hand force so hand doesn't tire as quickly
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the CrimpALL does the work!
- Manufactured using the newest fine blanking technologies
- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required

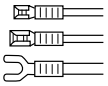
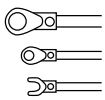
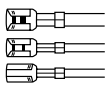
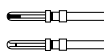
Technical	Weight	Length
CrimpALL® tool frame	21 oz. (600 g)	9.84" (250 mm)
Die set	2 oz. (57 g)	

Ordering	Part number
CrimpALL® tool frame	8000
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	8000.9

Ultra-smooth ratchet design makes this tool a dream to use.

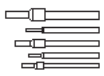
Comfortable to use for any size hand.

The first crimp tool with a double-plated jaw design for longer life span

	Part Numbers	Description
Insulated Terminal Crimpers		
	**Tool & Die: 8021** **Die Only: 2035**	Insulated Terminals and Lugs, Solid or Stranded Wire, 22-10 AWG (.34-6.0 mm²), 12-10(Yellow)/16-14(Blue)/22-18(Red) (6-4/2.5-1.5/.34-.75 mm²), For Large Professional Terminals (Panduit, T & B, etc.)
	Tool & Die: 8022 **Die Only: 2040**	Insulated Terminals and Lugs, Solid or Stranded Wire, 22-10 AWG (.34-6.0 mm²), 10-12(Yellow)/16-14(Blue)/22-18(Red) (6-4/1.5-2.5/.34-.75 mm²), For Standard Commercial Terminals (Hardware Store Brands)
	Tool & Die: 8023 **Die Only: 2029**	Insulated Terminals and Lugs, Solid or Stranded Wire, 26-14 AWG (.10-2.5 mm²), 16-14(Blue)/22-18(Red)/22-26(Yellow) (1.5-2.5/.34-.75/.34-.10 mm²), For Smaller Wire Barrel Terminals
Non-Insulated Terminal Crimpers		
	**Tool & Die: 8024** **Die Only: 2031**	Non-Insulated Terminals and Lugs, Solid or Stranded Wire, 22-8 AWG (.34-10 mm²), 10-8/14-12/18-16/22-20 (6-10/2.5-4/.75-1.5/.34-.50 mm²) For Standard Commercial Terminals
Open Barrel Contacts, Box Contacts, and Terminals Crimpers		
	**Tool & Die: 8026** **Die Only: 2033**	Open Barrel Non-Insulated Terminals and Lugs - narrow, Stranded Wire, 22-14 AWG (.34-2.5 mm²), F-Type*, 22-18/16-14/12-10, (.34-.75/1.5-2.5/4-6 mm²), For Standard Commercial Terminals
	Tool & Die: 8027 **Die Only: 2096**	Open Barrel Non-Insulated Terminals and Lugs - wide, Stranded Wire, 22-14 AWG (.34-2.5 mm²), F-Type*, 16-14/22-18 (1.5-2.5/.34-.75 mm²) For Standard Commercial Terminals
	**Tool & Die: 8029** **Die Only: 2097**	Open Barrel D-Sub Contact Pins, Stranded Wire, 28-20 AWG (.08-.5 mm²), F-Type*, 28-24/22-20 (.08-.2/.34-.5 mm²) For Standard D-sub Pins Only

NOTE: For the crimpers and die sets above, the pin AWG size must be inside the range of the crimp area AWG size to work. For example, if the area is for 28-24 AWG, the pin must have an AWG size rating between 28-24, no smaller and no larger. In this example, a 28-22 AWG rated pin will not work; it is too large in size.

**This is also known as "B-Type."*

Wire Ferrule Crimpers		
	**Tool & Die: 8025** **Die Only: 2095**	Insulated & Non-Insulated Wire Ferrules, Stranded Wire, 22-10 AWG (.34-6.0 mm²), 22-20/18-16/14-12/10 (.34-.50/.75-1.5/2.5-4/6 mm²) For DIN or US Type Wire Ferrules

Fully ratcheting action and built-in safety release.

1300 Series Crimpers

Paladin's 1300 Series is the original interchangeable-die crimping system – all the rest are mere copies of our innovation. It continues to be the answer for precision-crimping at an affordable price with over 45 die sets available for the most popular connectors. See crimp chart for specific connector and crimp dimensions.

Features:

- Fully-ratcheting cycle with built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Easy to use and maintain
- Available as complete tool with die set inserted or separate tool frame and individual die sets
- Foam-lined case available to hold frame and 6 die sets together
- Lifetime warranty on tool; one-year on die sets

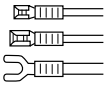
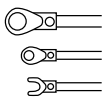
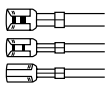
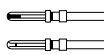
Advantages:

- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required
- Most precise and tightest tolerances on die sets in the industry
- Six ratchet gear settings for optimum crimp performance (see page for 105 for additional details)

Technical	Weight	Length
Crimp tool frame	10.4 oz (296 g)	8.9" (225 mm)
Die set	2 oz (57 g)	

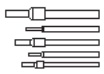
Ordering	Part Number
Crimp tool frame	1302
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	1300.9
1300 crimp case	901013

1302

	Part Numbers	Description
Insulated Terminal Crimpers		
	**Tool & Die: 1305** **Die Only: 2035**	Insulated Terminals and Lugs, Solid or Stranded Wire, 22-10 AWG (.34-6.0 mm²), 12-10(Yellow)/16-14(Blue)/22-18(Red) (6-4/2.5-1.5/.34-.75 mm²), For Large Professional Terminals (Panduit, T & B, etc.)
	Tool & Die: 1308 **Die Only: 2040**	Insulated Terminals and Lugs, Solid or Stranded Wire, 22-10 AWG (.34-6.0 mm²), 10-12(Yellow)/16-14(Blue)/22-18(Red) (6-4/1.5-2.5/.34-.75 mm²), For Standard Commercial Terminals (Hardware Store Brands)
	Tool & Die: 1334 **Die Only: 2029**	Insulated Terminals and Lugs, Solid or Stranded Wire, 26-14 AWG (.10-2.5 mm²), 16-14(Blue)/22-18(Red)/22-26(Yellow) (1.5-2.5/.34-.75/.34-.10 mm²), For Smaller Wire Barrel Terminals
Non-Insulated Terminal Crimpers		
	**Tool & Die: 1322** **Die Only: 2031**	Non-Insulated Terminals and Lugs, Solid or Stranded Wire, 22-8 AWG (.34-10 mm²), 10-8/14-12/18-16/22-20 (6-10/2.5-4/.75-1.5/.34-.50 mm²) For Standard Commercial Terminals
Open Barrel Contacts, Box Contacts, and Terminals Crimpers		
	**Tool & Die: 1306** **Die Only: 2033**	Open Barrel Non-Insulated Terminals and Lugs - narrow, Stranded Wire, 22-14 AWG (.34-2.5 mm²), F-Type*, 22-18/16-14/12-10, (.34-.75/1.5-2.5/4-6 mm²), For Standard Commercial Terminals
	Tool & Die: 1358 **Die Only: 2096**	Open Barrel Non-Insulated Terminals and Lugs - wide, Stranded Wire, 22-14 AWG (.34-2.5 mm²), F-Type*, 16-14/22-18 (1.5-2.5/.34-.75 mm²) For Standard Commercial Terminals
	**Tool & Die: 1359** **Die Only: 2097**	Open Barrel D-Sub Contact Pins, Stranded Wire, 28-20 AWG (.08-.5 mm²), F-Type*, 28-24/22-20 (.08-.2/.34-.5 mm²) For Standard D-sub Pins Only

NOTE: For the crimpers and die sets above, the pin AWG size must be inside the range of the crimp area AWG size to work. For example, if the area is for 28-24 AWG, the pin must have an AWG size rating between 28-24, no smaller and no larger. In this example, a 28-22 AWG rated pin will not work; it is too large in size.

**This is also known as "B-Type."*

Wire Ferrule Crimpers		
	**Tool & Die: 1360** **Die Only: 2095**	Insulated & Non-Insulated Wire Ferrules, Stranded Wire, 22-10 AWG (.34-6.0 mm²), 22-20/18-16/14-12/10 (.34-.50/.75-1.5/2.5-4/6 mm²) For DIN or US Type Wire Ferrules

EDAC/ELCO Crimper

Crimp tool for broadcast professionals terminating loose 28-18 AWG (.08-75 mm²) EDAC and ELCO rack and panel open barrel contacts.

- Crimps EDAC pins 516-290-590 & 516-290-591 along with ELCO pins 000-60-8017-03-13
- Embedded pin locators properly align pins to ensure accurate, reliable crimping
- Fully-ratcheted to prevent under crimping
- Requires low hand force and provides superior crimp force
- True ergonomic design for extreme comfort and performance
- Non-slip, soft rubber handles
- Double-plated for extended long-life and crimping accuracy
- Factory-calibrated and set for precision
- Lifetime warranty

Technical	
Weight	19 oz. (538 g)

Ordering	**Part Number**
EDAC/ELCO Pin Crimp Tool	1670

Open Barrel Contact Pin Crimper

Professional crimping tool for open-barrel box and round connector contacts with a wire range of 30-18AWG (0.05-.75 mm²)

- Precision fixed dual-plate dies for crimp accuracy
- Crimps non-insulated terminal lugs, cable lugs and parallel and serial splices or "F-Type"
- Works with Molex, Waldom & Leoco-type connectors
- Durable steel construction for long life
- Rubber-embedded ergonomic handles for low-effort operation
- Lifetime warranty

Technical	
Weight	14 oz. (400 g.)

Crimp profile	
Small:	30-24 AWG (0.05-.20 mm²)
Medium:	22-18 AWG (.34-.75 mm²)

Ordering	**Part Number**
Open Barrel Contact Pin Crimper	1645

Open Barrel Contact Pin Crimper

Professional crimping tool for open-barrel box and round connector contacts with a wire range of 24-14 AWG (0.2-2.5 mm²)

- Precision fixed dual-plate dies for crimp accuracy
- Built-in locator
- Crimps non-insulated terminal lugs, cable lugs and parallel and serial splices or "F-Type"
- Works with Molex, Waldom & Leoco-type connectors
- Durable steel construction for long life
- Rubber-embedded ergonomic handles for low-effort operation
- Lifetime warranty

Technical	
Weight	14 oz. (400 g.)

Crimp profile	
Small:	24-22 AWG (0.2-.34 mm²)
Medium:	18-14 AWG (.34-2.50 mm²)

Ordering	**Part Number**
Open Barrel Contact Pin Crimper	1631

Open Barrel D-Sub Contact Pin Crimper

Professional crimping tool for open-barrel D-sub contacts with a wire range of 28-20 AWG (.08-0.50 mm²)

- Crimps standard D-sub contacts
- Precision fixed dual-plate dies for crimp accuracy
- Built-in contact locator
- Durable steel construction for long life
- Ergonomic handles for low-effort operation
- Lifetime warranty

Technical	
Weight	14 oz. (400 g.)

Crimp profile	
Small:	28-24 AWG (.08-.20 mm²)
Medium:	22-20 AWG (.34-.50 mm²)

Ordering	**Part Number**
Open Barrel D-Sub Contact Pin Crimper	1646

D-sub Indent Crimp Tools

Crimping tool for 4- or 8-indent crimping of closed-barrel D-sub contacts.

- Comfortable handles for low-effort operation
- 4-Indent crimper for AWG 26-20 (0.14-0.50 mm²) D-sub contacts (P/N 1440)
- 4-Indent crimper for AWG 20-12 (0.50-4.0 mm²) D-sub contacts (P/N 1441)
- 8-Indent crimper for AWG 26-20 (0.14-0.50 mm²) D-sub contacts (P/N 1442)
- Adjustable pin height locator (P/Ns 1440 and 1442 only)
- Lifetime warranty

Technical	
Weight	11 oz. (312 g)

Ordering	**Part Number**
4-Indent D-sub crimper (26-20 AWG)	1440
8-Indent D-sub crimper (26-20 AWG)	1442
4-Indent D-sub crimper (20-12 AWG)	1441

Not for use on hardened steel, brass or phosphor bronze contacts

CTI 6 Terminal Crimper

Professional crimping tool for insulated terminal lugs with a wire range of AWG 20-10 (0.1-6.0 mm²).

- Fixed steel die system
- Built-in locator
- Crimps insulated terminal lugs, cable lugs and parallel and serial splices
- Durable steel construction for long life
- Long ergonomic handles for low-effort operation
- Color-coded crimp areas for size identification
- Lifetime warranty

Technical	
Weight	25 oz. (710 g)

Crimp profile	
Red:	AWG 20-16 (0.5-1.5 mm²)
Blue:	AWG 16-14 (1.5-2.5 mm²)
Yellow:	AWG 12-10 (4.0-6.0 mm²)

Ordering	Part Number
CTI 6	900612

Non-Insulated Terminal Crimper

Professional crimping tool for non-insulated terminal lugs with a wire range of 20-10 AWG (0.5 – 6.0 mm²).

- Fixed steel die system
- Built-in terminal locator
- Crimps non-insulated terminal lugs, cable lugs and parallel and serial splices
- Durable steel construction for long life
- Ergonomic handles for low-effort operation
- Lifetime warranty

Technical	
Weight	13.5 oz. (380 g.)

Crimp profile	
Small:	20-16 AWG (0.5-1.5 mm²)
Medium:	16-14 AWG (1.5-2.5 mm²)
Large:	AWG 12-10 AWG (4.0-6.0 mm²)
Weight	14 oz. (400 g)

Ordering	Part Number
HTN 21L	1618

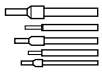
Wire Ferrule Crimper

Professional-quality crimping tool for insulated and non-insulated wire ferrules with a range of 20-10 AWG (0.5-6.0 mm²).

- Ferrules conform to DIN 46228 Pt. 1 and 4
- Ferrule insertion from the side of the tool
- Single tool for entire wire range (no additional dies are required)
- Durable steel construction for long life
- Ergonomic handles for low-effort operation
- Lifetime warranty on frame; one year on die set

Technical	
Crimper Weight	15.2 oz. (430 g)
Die Weight	2.0 oz. (57 g)

Ordering	Part Number
Wire Ferrule Crimper	1647
Replacement die set	2681



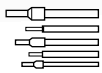
Wire Ferrule Crimper

Professional crimping tool for insulated and non-insulated wire ferrules with a range of 20-12 AWG (0.5-4 mm²).

- Fixed steel die system
- Ferrules insert from side of the tool
- Ferrule crimp conforms to DIN standards
- Durable steel construction for long life
- Ergonomic handles for low-effort operation
- Single tool for entire wire range
- Lifetime warranty

Technical	
Weight	15.2 oz. (430 g.)

Ordering	Part Number
Wire Ferrule Crimper	1648



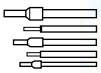
PZ 6 ROTO Wire Ferrule Crimper

Professional-quality rotary crimping tool for insulated and non-insulated wire ferrules with a wire range of 24-10 AWG (0.25-6.0 mm²).

- Rotating die for front or side ferrule insertion
- Crimps conform to EN 60947-1 & DIN 46228 Pt. 1 and 4
- Hardened steel die system for long life
- Single tool for entire wire range (no additional dies are required)
- Durable steel construction for long life
- Ergonomic handles for low-effort operation
- Lifetime warranty

Technical	
Weight	13 oz. (368 g)

Ordering	Part Number
PZ 6 ROTO	901435



Wire Ferrule Crimper

Professional crimping tool for insulated and non-insulated wire ferrules with a wire range of 10-6 AWG (6-16 mm²).

- Fixed steel die system
- Ferrules insert from side of the tool
- Ferrule crimp conforms to DIN standards
- Durable steel construction for long life
- Ergonomic handles for low-effort operation
- Lifetime warranty

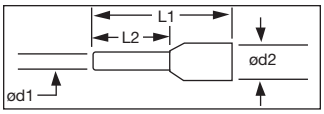
Technical	
Weight	15.2 oz. (430 g.)

Ordering	Part Number
Wire Ferrule Crimper	1649

Insulated Ferrules (BULK)

Standard ferrules conform to use on AWG and DIN wire sizes.
DIN ferrules conform to use on DIN wire sizes only.

Technical Data:
DIN/VDE 46228 part 4
Insulator: Polypropylene DS10 w/10ppm Silicon
Contact: Tin-Plated Copper (E-Cu 57)
Heat resistant up to 230° F (110° C)
UL94 Flame Class HB, UL# 983438-002



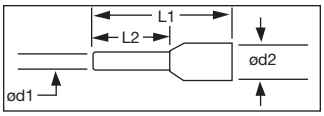
	Standard Part No.		DIN Part No.	Nominal wire size (mm^2)	AWG	Dimensions (mm)* L1	L2	d1	d2	Quantity/ package	Type
light blue	902574			0.25	24	10	6	0.8	1.8	500	H 0.25/10
	902576			0.25	24	12	8	0.8	1.8	500	H 0.25/12
turquoise	902575			0.34	22	10	6	0.8	2	500	H 0.34/10
	902577			0.34	22	12	8	0.8	2	500	H 0.34/12
orange	40950	white	901900	0.5	20	12	6	1	2.6	500	H 0.5/12
	69070		901901	0.5	20	14	8	1	2.6	500	H 0.5/14
	902587		901902	0.5	20	16	10	1	2.6	500	H 0.5/16
white	40960	gray	901903	0.75	18	12	6	1.2	2.8	500	H 0.75/12
	46290		901904	0.75	18	14	8	1.2	2.8	500	H 0.75/14
	902586		901905	0.75	18	16	10	1.2	2.8	500	H 0.75/16
	902591		901906	0.75	18	18	12	1.2	2.8	500	H 0.75/18
yellow	40970	red	901907	1	18	12	6	1.4	3	500	H 1/12
	46300		901908	1	18	14	8	1.4	3	500	H 1/14
	902595		901910	1	18	16	10	1.4	3	500	H 1/16
	902593		901911	1	18	18	12	1.4	3	500	H 1/18
red	46310	black	901912	1.5	16	14	8	1.7	3.5	500	H 1.5/14
	63510		901913	1.5	16	16	10	1.7	3.5	500	H 1.5/16
	56560		901915	1.5	16	24	18	1.7	3.5	500	H 1.5/24
blue	901916	blue	901916	2.5	14	14	8	2.2	4.2	500	H 2.5/14
	901917		901917	2.5	14	18	12	2.2	4.2	500	H 2.5/18
	901918		901918	2.5	14	24	18	2.2	4.2	500	H 2.5/24
gray	901919	gray	901919	4	12	17	10	2.8	4.8	500	H 4/17
	901920		901920	4	12	20	12	2.8	4.8	500	H 4/20
	901921		901921	4	12	26	18	2.8	4.8	500	H 4/26
black	53350	yellow	901922	6	10	20	12	3.5	6.3	100	H 6/20
	56570		901923	6	10	26	18	3.5	6.3	100	H 6/26
ivory	53420	red	901924	10	8	22	12	4.5	7.6	100	H 10/22
	56580		901925	10	8	28	18	4.5	7.6	100	H 10/28
green	56590	blue	901926	16	6	24	12	5.8	8.8	100	H 16/24
	56600		901927	16	6	28	18	5.8	8.8	100	H 16/28
brown	31700	yellow	901928	25	4	30	16	7.3	11.2	50	H 25/30
	31710		901930	25	4	36	22	7.3	11.2	50	H 25/36
beige	31720	red	901931	35	2	30	16	8.3	12.7	50	H 35/30
	31730		901933	35	2	39	25	8.3	12.7	50	H 35/39
olive	44420	blue	901934	50	1,1/0	36	20	10.3	15	50	H 50/36
yellow	902820			70	2/0	37	20	12.7	16	25	H 70/40
red	902821			95	3/0	44	25	14.7	18	25	H 95/44
blue	902822			120	4/0	50	30	16.5	21	25	H 120/50

* To convert millimeters (mm) to inches, use formula: $\frac{XXmm}{25.4}$ = XX inches

Insulated Ferrules (BULK)

Ferrules conform to use with AWG and DIN wire sizes.

Technical Data:
DIN/VDE 46228 part 4
Insulator: Polypropylene DS10 w/10ppm Silicon
Contact: Tin-Plated Copper (E-Cu 57)
Heat resistant up to 230° F (110° C)
UL94 Flame Class HB, UL# 983438-002



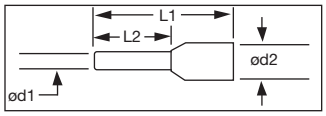
	Misc. Part No.	Nominal wire size (mm^2)	AWG	Dimensions (mm)* L1	L2	d1	d2	Quantity/ package	Type
yellow	902101	0.25	24	10	6	0.8	1.8	500	H 0.25/10
	902102	0.25	24	12	8	0.8	1.8	500	H 0.25/12
light blue	902103	0.75	18	12	6	1.2	2.8	500	H 0.75/12
	902104	0.75	18	14	8	1.2	2.8	500	H 0.75/14
	902105	0.75	18	16	10	1.2	2.8	500	H 0.75/16
	902106	0.75	18	18	12	1.2	2.8	500	H 0.75/18
blue	133310	2.5	14	14	8	2.2	4.0	500	H 2.5/14S
gray	902107	2.5	14	14	8	2.2	4.2	500	H 2.5/14
	902108	2.5	14	18	12	2.2	4.2	500	H 2.5/18
	902109	2.5	14	24	18	2.2	4.2	500	H 2.5/24
orange	902110	4	12	17	10	2.8	4.8	500	H 4/17
	902111	4	12	20	12	2.8	4.8	500	H 4/20
	902112	4	12	26	18	2.8	4.8	500	H 4/26
green	902113	6	10	20	12	3.5	6.3	100	H 6/20
	902114	6	10	26	18	3.5	6.3	100	H 6/26
brown	902115	10	8	22	12	4.5	7.6	100	H 10/22
	902116	10	8	28	18	4.5	7.6	100	H 10/28
white	902117	16	6	24	12	5.8	8.8	100	H 16/24
	902118	16	6	28	18	5.8	8.8	100	H 16/28
black	902119	25	4	30	16	7.3	11.2	50	H 25/30
	902120	25	4	36	22	7.3	11.2	50	H 25/36

* To convert millimeters (mm) to inches, use formula: $\frac{XXmm}{25.4}$ = XX inches

Insulated Ferrules (STRIPS)

For use with Stripax® Plus (902000) on pages 102.
Standard ferrules conform to use on AWG and DIN wire sizes.
DIN ferrules conform to use on DIN wire sizes only.

Technical Data:
DIN/VDE 46228 part 4
Insulator: Polypropylene DS10 w/10ppm Silicon
Contact: Tin-Plated Copper (E-Cu 57)
Heat resistant up to 230° F (110° C)
UL94 Flame Class HB, UL# 983438-002



	Standard Part No.		DIN Part No.		Misc. Part No.	Nominal wire size (mm^2)	AWG	Dimensions (mm)* L1	L2	d1	d2	Quantity/ package	Type
orange	900427	white	900428	white	900428	0.5	20	15	8	1	2.6	500**	H 0.5/14
white	900429	gray	900430	blue	900431	0.75	18	15	8	1.2	2.7	500**	H 0.75/14
yellow	900432	red	900433	red	900433	1	18	15	8	1.4	3	500**	H 1.0/14
red	900434	black	900435	black	900435	1.5	16	15	8	1.7	3.2	500**	H 1.5/14
blue	900436	blue	900436	gray	900437	2.5	14	15	8	2.2	4	500**	H 2.5/14

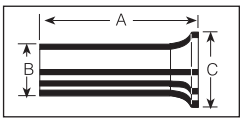
* To convert millimeters (mm) to inches, use formula: $\frac{XXmm}{25.4}$ = XX inches

** 10 strips of 50 each

Uninsulated Ferrules (BULK)

Ferrules conform to use on AWG and DIN wire sizes.

Technical Data:
DIN/VDE 46228 part 4
Contact: Tin-Plated Copper (E-Cu 57)
Heat resistant up to 230° F (110° C)
UL94 Flame Class HB
UL# 983438-002

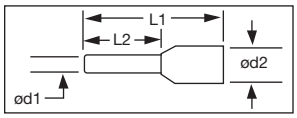


Wire size (mm^2)	AWG	Dimensions (mm)* A	B	C	Quantity/ package	Type	Part Number
0.25	24	5	0.7	1.65	1000	H 0.25/5	**901891**
0.5	20	6	1	2.1	1000	H 0.5/6	**28260**
0.5	20	10	1	2.1	1000	H 0.5/10	**900405**
0.75	18	6	1.2	2.3	1000	H 0.75/6	**28270**
0.75	18	10	1.2	2.3	1000	H 0.75/10	**54250**
1	18	6	1.4	2.5	1000	H 1/6	**37260**
1	18	10	1.4	2.5	1000	H 1/10	**28280**
1.5	16	7	1.7	2.8	1000	H 1.5/7	**37270**
1.5	16	10	1.7	2.8	1000	H 1.5/10	**18650**
1.5	16	12	1.7	2.8	1000	H 1.5/12	**900406**
1.5	16	18	1.7	2.8	1000	H 1.5/18	**900407**
2.5	14	7	2.2	3.4	1000	H 2.5/7	**37300**
2.5	14	10	2.2	3.4	1000	H 2.5/10	**900408**
2.5	14	12	2.2	3.4	1000	H 2.5/12	**18610**
2.5	14	18	2.2	3.4	1000	H 2.5/18	**900409**
4	12	9	2.8	4	500	H 4/9	**37310**
4	12	12	2.8	4	1000	H 4/12	**24410**
4	12	15	2.8	4	500	H 4/15	**900410**
4	12	18	2.8	4	500	H 4/18	**900411**
6	10	10	3.5	4.7	500	H 6/10	**900412**
6	10	12	3.5	4.7	500	H 6/12	**19190**
6	10	15	2.8	4	500	H 6/15	**12470**
6	10	18	2.8	4	500	H 6/18	**900413**
10	8	12	4.5	5.8	500	H 10/12	**28290**
10	8	15	4.5	5.8	500	H 10/15	**12480**
10	8	18	4.5	5.8	500	H 10/18	**37930**
16	6	12	5.8	7.5	500	H 16/12	**49250**
16	6	15	5.8	7.5	500	H 16/15	**12430**
16	6	18	5.8	7.5	100	H 16/18	**37520**
16	6	25	5.8	7.5	500	H 16/25	**900415**
16	6	32	5.8	7.5	500	H 16/32	**900416**
25	4	15	7.3	9.5	250	H 25/15	**12440**
25	4	18	7.3	9.5	100	H 25/18	**37530**
25	4	25	7.3	9.5	100	H 25/25	**900417**
25	4	32	7.3	9.5	100	H 25/32	**900418**
35	2	18	8.3	11	100	H 35/18	**36890**
35	2	25	8.3	11	100	H 35/25	**900419**
35	2	30	8.3	11	100	H 35/30S	**945100**
35	2	32	8.3	11	100	H 35/32	**900420**
50	1,1/0	18	10.3	13	100	H 50/18	**900421**
50	1,1/0	25	10.3	13	100	H 50/25	**902588**
50	1,1/0	32	10.3	13	100	H 50/32	**900422**

* To convert millimeters (mm) to inches, use formula: $\frac{XXmm}{25.4}$ = XX inches

Insulated Ferrules (RETAIL PACKAGING)

For ferrule dimensions, see chart on page 104

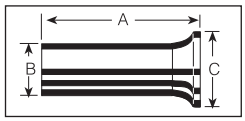


AWG	Part No.	Contents	Color
20	**9107**	100 pieces of 69070	orange
18	**9129**	100 pieces of 46290	white
18	**9130**	100 pieces of 46300	yellow
16	**9131**	100 pieces of 46310	red
14	**9132**	100 pieces of 901916	blue
12	**9133**	100 pieces of 901920	gray
10	**9135**	100 pieces of 53350	black
8	**9142**	100 pieces of 53420	ivory
6	**9159**	100 pieces of 56590	green

Technical Data:
DIN/VDE 46228 part 4
Contact: Tin-Plated Copper (E-Cu 57)
Heat resistant up to 230° F (110° C)
UL94 Flame Class HB
UL# 983438-002

Uninsulated Ferrules (RETAIL PACKAGING)

For ferrule dimensions, see chart on page 105



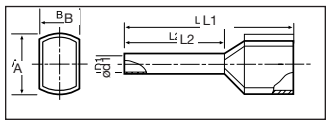
AWG	Part No.	Contents
20	**9226**	100 pieces of 28260
18	**9225**	100 pieces of 54250
18	**9228**	100 pieces of 28280
16	**9265**	100 pieces of 18650
14	**9261**	100 pieces of 18610
12	**9241**	100 pieces of 24410
10	**9219**	100 pieces of 19190
8	**9293**	100 pieces of 37930
6	**9243**	100 pieces of 12430

Technical Data:
DIN/VDE 46228 part 4
Contact: Tin-Plated Copper (E-Cu 57)
Heat resistant up to 230° F (110° C)
UL94 Flame Class HB
UL# 983438-002

Dual-Wire Ferrules (BULK)

Standard ferrules conform to use on AWG and DIN wire sizes.
DIN ferrules conform to use on DIN wire sizes only.

Technical Data:
DIN/VDE 46228 part 4
Contact: Tin-Plated Copper (E-Cu 57)
Heat resistant up to 230° F (110° C)
UL94 Flame Class HB
UL# 983438-002



Standard Part No.	DIN Part No.	Misc. Part No.	Nominal wire size (mm^2)	2 Wires/ Ferrule AWG	Dimensions (mm)† L1	L2	d1	A/B	Qty/ pkg.	Type
900444* orange	**900478*** white		0.5	20	14.6	8.2	1.4	5/3	500	H 0.5/15
901851* white	**901852*** gray	**901857*** light blue	0.75	18	14.6	8.2	1.7	5.5/3	500	H 0.75/15
	900477*		0.75	18	16.4	10	1.7	5.5/3	500	H 0.75/17
901853* yellow	**901854*** red		1.0	18	15.0	8.0	2.0	5.8/3.2	500	H 1.0/15
	900476*		1.0	18	19.0	12	2.0	5.8/3.2	500	H 1.0/20
900441* red	**900442*** black		1.5	16	15.8	8.2	2.3	6.5/3.6	500	H 1.5/16
	900475* black		2.0	16	19.6	12	2.3	6.5/3.6	500	H 1.5/20
900443* blue **900474****	**900443*** blue **900474****	**901858*** gray	2.5	14	18.5	10	2.9	8/4.5	250	H 2.5/18.5
			2.5	14	20.5	12	2.9	8/4.5	100	H 2.5/20.5
900473** gray	**900473**** gray	**901859**** orange	4.0	12	22	12	3.5	9/5.2	100	H 4/22

These ferrules are packaged in tear-off perforated packs attached to a hanger.
* 5 packs of 50 each
** 5 packs of 20 each
*** 5 packs of 100 each

† To convert millimeters (mm) to inches, use formula: $\frac{XXmm}{25.4}$ = XX inches

HIGH
LOW
OFF

crimp tool not included

Pneumatic Hand Tool Operator

This versatile machine was designed to work with all of our ratcheted or spring-retracted crimpers and strippers. It has a 3 inch (76 mm) stroke cylinder to provide easier and faster installation of hand tools to move quickly from one application to another.

Benefits:

- Automates your hand tools
- Eliminates operator hand fatigue – foot pedal controls the unit
- Low cost alternative to automatic crimping, stripping and cutting machines
- 10 time faster than manual crimping
- Multi-function operations
- Portable and lightweight
- Small bench top footprint
- One-year warranty

Specifications:

- Requires 120 PSI air supply using standard .25" (6mm) couplers
- OSHA compliant
- Uses quick push-lock type hose receptacles
- Fully adjustable force and speed control on tool closure
- Maintains 3" (76 mm) max stroke dual-control cylinder
- Fits tools from 5" to 12" (127-305 mm)
- "U"-shaped nylon rollers to better grip tool handles

Each unit contains:

- Dual-action foot control
- Tool holder module
- Air filter/pressure regulator with gauge
- Mounting base
- Flow/speed control
- Color-coded air tubing
- Wrench

Technical	
Weight	15 lbs. (6.9 Kg)

Ordering	Part Number
Pneumatic hand tool operator*	901510

**Always wear safety glasses when operating this machine.*

May require disabling ratchet on non-Paladin Crimpers.

Phone **800.272.8665** | Int'l Phone **001.804.550.1121**

Computer Service Kit

For repair and maintenance of desktop computers and electronic equipment.

It includes:

- 3.6V cordless screwdriver, battery & charger
- ESD wrist strap
- 30-watt soldering iron
- Desolderer & soldering aid with pick & scraper/cutter tip
- Needle nose pliers (2)
- Angled-head lead cutter
- Insulated tweezers
- Component gripper & IC extractor
- 10-piece driver socket set
- 24-piece driver bit set: Torx, Hex, Phillips, Pozidrive, Slotted, and Square-Head
- Socket adapter/extender & socket bit holder/extender
- One-year warranty

Technical	
Weight	4.5 lbs. (2 Kg)
Dimensions	11" x 11.2" x 2.3"
	279 mm x 285 mm x 59 mm

Ordering	Part Number
Computer service kit	4370

More details are available on our website

Cordless Screwdriver & Socket Set

Single speed 3.6V cordless screwdriver kit with rechargeable NiCd battery.

- Adjustable torque up to 21.7in-lbs (2.4 N-m)
- Includes 3.6V rechargeable battery
- AC adapter/battery charger & bit holder included
- Forward/reverse direction
- One-hand operation
- Handle swings easily from pistol to rod form
- Includes 14-piece socket set: 6-12 mm; 3/16"-1/2"
- Includes 26-piece driver bits: 3 slotted, 5 Torx, 3 Phillips, 3 Robertson, 12 hex
- Accepts 1/4" bits
- One-year warranty

Technical	
Weight (complete kit)	2.6 lbs. (1.2 Kg)
Length (screwdriver)	9.52" (242 mm)
Power requirements	3.6V NiCd battery
Battery life	Approx. 600 cycles
Charging time	3-6 hours
AC adapter input	120VAC 50-60Hz
No-load speed	170 rpm
Motor	3.6VDC
Max. torque	21.7in-lbs. (2.4 N-m)

Ordering	Part Number
Cordless screwdriver & socket set	4336
Replacement battery	6000
Battery charger	6001

** Not for use on precision torque screw requirements.*

Heat Gun

Variable temperature heat gun kit for 250-1100° F applications. Paladin's heat gun features adjustable temperature ranges and is perfectly suited for heat-shrink tubing, flex conduit and heat-shrink solder tube applications.

- Electronic variable heat control ranging from 250-1100° F (120-590° C)
- Two speeds: high & low
- Double insulation safeguards injury from possible electrical failure inside gun
- Comfortable, lightweight design reduces operator fatigue
- Three nozzles included: window nozzle, deflection nozzle and .47" (12 mm) focusing nozzle
- UL listed
- One-year warranty

Technical	
Weight	2 lbs. (0.9 Kg)
Power reqs.	120VAC 60 Hz
Current draw	7.5 amps max.
Power cons.	1200 watts max.

Ordering	Part Number
Heat gun	1873

Desoldering Tools

Desoldering pumps for reworking printed circuit boards.

- Removes solder with simple push-button operation
- Standard (regular & anti-static) replacement tips available
- Repair kits come complete with replacement spring and suction rods
- Durable metal frame
- One-year warranty

Technical	
Weight	2 oz. (57 g)
Length	7.7" (195 mm)

Ordering	Part Number
Desoldering tool (standard)	1700
Desoldering tool (anti-static)	1704
Standard replacement tip	2712
Anti-static replacement tip	2716
Standard repair kit	2704

Cable Tie Gun

Professional-quality cable tie gun for tightening ties around wire and cable bundles.

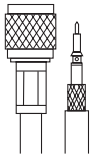
- For use with plastic cable ties up to 0.25" (6.35 mm) in width
- Neatly fastens and cuts in one action
- Adjustable tension for changing cable bundle pressure
- Automatic cable tie cut off
- One-year warranty

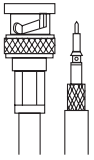
Technical	
Weight	9 oz. (255 g)
Length	6.9" (175 mm)

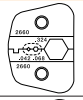
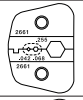
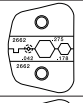
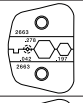
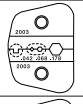
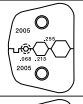
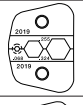
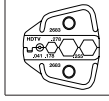
Ordering	Part Number
Cable tie gun	1828.1

Note: Leaves 1 mm tab of lock after cut is made.

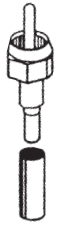
Coaxial Crimpers

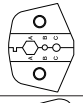
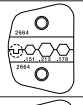
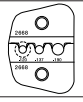




Part Numbers	Type(s)	Connector Type(s)	Crimp Sizes and Type	Connector Manufacturers or Remarks
 **Tool & Die: 1609** **Die Set: 2660**	Belden 8281 & 7505	BNC/TNC, 3 Piece HDTV	0.324"(8.2 mm)/0.068"(1.7 mm) HEX & 0.042"(1.0 mm) SQ	Kings, ADC, Amphenol HDTV
 **Tool & Die: 1611** **Die Set: 2661**	RG59, Belden 1505A, Belden 8241	BNC/TNC, 3 Piece HDTV	0.255"(6.5 mm)/0.068"(1.7 mm) HEX & 0.042"(1.0 mm) SQ.	Kings, ADC, Trompeter, Amphenol HDTV
 **Tool & Die: 1612** **Die Set: 2662**	RG6, Belden 1694A, Belden 1855A	BNC/TNC, 3 Piece HDTV	0.275"(6.9 mm)/0.178"(4.5 mm) HEX & 0.042"(1.0 mm) SQ.	Kings HDTV
 **Tool & Die: 1613** **Die Set: 2663**	Belden 1694A, NT735, Belden 8218	BNC/TNC, 3 Piece HDTV	0.278"(7.0 mm)/0.197"(5.0 mm) HEX & 0.042"(1.0 mm) SQ.	ADC HDTV
 **Tool & Die: 1616** **Die Set: 2003**	RG174/RG179/RG188 and Small Cable Conn.	BNC/TNC	0.178"(4.5 mm)/0.068"(1.7 mm) HEX & 0.042"(1.0 mm) SQ.	Crimps Pins, Ferrules, & Sleeve
 **Tool & Die: 1617** **Die Set: 2005**	RG58, RG59, RG62AU	BNC/TNC	0.255"(6.5 mm)/0.213"(5.4 mm)/ 0.068"(1.7 mm) HEX	Crimps Pins, Ferrules, & Sleeve
 **Tool & Die: 1619** **Die Set: 2019**	RG59, RG62AU, Belden 8281/8241	BNC/TNC	0.324"(8.2 mm)/0.255"(6.5 mm)/ 0.068"(1.7 mm) HEX	Crimps Pins, Ferrules, & Sleeve
 **Tool & Die: 1669** **Die Set: 2683**	Belden 1855A, 1865A, 1505A, 1505F, 1694A, 1694F, 179DT	BNC/TNC, 3 Piece HDTV	0.255"(6.5 mm)/0.278"(7.0 mm)/ 0.178"(4.5 mm)/0.041"(1.0 mm) HEX	Kings, ADC, B&L, Trompeter, Amphenol, Switchcraft

Fiber Optic Crimpers



 **Tool & Die: 1606** **Die Set: 2044**	Fiber optic	Lucent Technologies ST II Type	0.190"(4.83 mm) HEX/ 0.105"(2.67 mm) RND/0.090"(2.3 mm)RND	Lucent Ferrules/Sleeves (not for use on ST II+ connectors)
 **Tool & Die: 1614** **Die Set: 2664**	Fiber optic	SMA/SMB/FC/Biconic Fiber	0.213"(5.4 mm)/0.178"(4.5 mm)/ 0.151"(3.83 mm) HEX	SMA/FC/Biconic Fiber
 **Tool & Die: 1668** **Die Set: 2668**	Fiber optic	3M SC, ST	0.120"(3.05mm)/0.137"(3.48mm)/ 0.190"(4.83mm) RND	3M, Suncall, Fiber Source SC & ST

NOTE: If the required crimp style and dimension is not listed above, or if you are not sure which is the correct crimp tool, divide the connector ferrule outside diameter by 1.155. If the result is within +/- 0.004 inches of any of our sizes, then choose our tool.

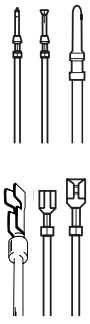
Insulated Terminal Crimpers

Part Numbers	Type(s)	Connector Type(s)	Crimp Sizes and Type	Connector Manufacturers or Remarks
Tool & Die: 1605* **Die Set: NONE**	Solid or Stranded Wire, 22-14 AWG (.34-2.5 mm²)	Insulated Terminals and Lugs	16-14 (Blue)/22-18 (Red) Terminal-Elliptical (1.5-2.5/.34-.75 mm²)	For Standard Commercial Terminals

Non-Insulated Terminal Crimpers

Part Numbers	Type(s)	Connector Type(s)	Crimp Sizes and Type	Connector Manufacturers or Remarks
Tool & Die: 1618* **Die Set: NONE**	Solid or Stranded Wire, 20-10 AWG (.5-6 mm²)	Non-Insulated Terminals and Lugs	12-10/16-14/20-18 Indent (4-6/1.5-2.5/.5-.75 mm²)	For Standard Commercial Terminals

Open Barrel Contacts and Terminals Crimpers



Part Numbers	Type(s)	Connector Type(s)	Crimp Sizes and Type	Connector Manufacturers or Remarks
Tool & Die: 1631* **Die Set: NONE**	Solid or Stranded Wire, 24-14 AWG (.20-2.5 mm²)	Open Barrel Contact Pins	24-22/18-14 F-Type (.20-.34/.75-2.5 mm²)	Molex/Waldom/Leoco Type Conn.
Tool & Die: 1645* **Die Set: NONE**	Solid or Stranded Wire, 30-18 AWG (.05-.75 mm²)	Open Barrel Contact Pins	30-24/22-18 F-Type (.05-.20/.34-.75 mm²)	Molex/Waldom/Leoco Type Conn.
Tool & Die: 1646* **Die Set: NONE**	Solid or Stranded Wire, 28-20 AWG (.08-.5 mm²)	Open Barrel D-Subminiature	28-24/22-20 F-Type (.08-.2/.34-.5 mm²)	Standard D-sub Contacts
Tool & Die: 1670 **Die Set: NONE**	Solid or Stranded Wire, 28-18 AWG (.08-.75 mm²)	Open Barrel EDAC Contacts	28-24/22-18 (.08-.2/.34-.75 mm²)	EDAC/ELCO Rack & Panel Contacts

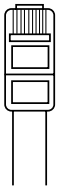
NOTE: For the above, the pin AWG size must be inside the range of the crimp area AWG size to work. For example, if the area is for 28-24 AWG, the pin must have an AWG rating of between 28-24. No smaller and no larger. Example: 28-22 AWG rated pin will not work, it is too large in size.

Wire Ferrule Crimpers

Part Numbers	Type(s)	Connector Type(s)	Crimp Sizes and Type	Connector Manufacturers or Remarks
Tool & Die: 1647 **Die Set: 2681**	Solid or Stranded Wire, 20-10 AWG (.5-6 mm²)	Insulated & Non-Insulated Ferrules	20-10 Trapezoid (.50-6 mm²)	For DIN or US Type Wire Ferrules
Tool & Die: 1648* **Die Set: NONE**	Solid or Stranded Wire, 20-12 AWG (.5-4 mm²)	Insulated & Non-Insulated Ferrules	20-12 Trapezoid (.50-4 mm²)	For DIN or US Type Wire Ferrules

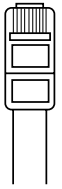
** The die sets for these tools are NOT removable or interchangeable. Removal of the die sets will void the warranty and cause the tool to lose calibration.*

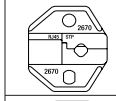
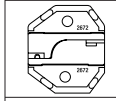
Unshielded Twisted Pair (UTP) Modular Plug Crimpers



Part Numbers	Type(s)	Connector Types (28-22 AWG/.08-.34mm²)	Crimp Sizes	Connector Manufacturers or Remarks
Tool & Die: 8030 **Tool & Die: 1307** **Die Set: 2061**	RJ45 - 8P8C (8 Pin)	Flat/Round, Solid/Stranded	RJ45 Unkeyed WE and SS	Western Electric (WE)/Stewart Connector (SS)
Tool & Die: 8031 **Tool & Die: 1340** **Die Set: 2062**	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded	RJ11 & RJ12 Unkeyed WE and SS	Western Electric (WE)/Stewart Connector (SS)
Tool & Die: 8032 **Tool & Die: 1341** **Die Set: 2063**	RJ22 Handset - 4P4C (4 Pin)	Flat/Round, Solid/Stranded	4 Pin Handset WE and SS	Western Electric (WE)/Stewart Connector (SS)
Tool & Die: 8033 **Tool & Die: 1342** **Die Set: 2064**	RJ45 - 8P8C (8 Pin)	Flat/Round, Solid/Stranded	RJ45 Unkeyed AMP	AMP (Tyco) Inc. Connectors Only
Tool & Die: 8034 **Tool & Die: 1343** **Die Set: 2065**	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded	RJ11 & RJ12 Unkeyed AMP	AMP (Tyco) Inc. Connectors Only
Tool & Die: 8035 **Tool & Die: 1344** **Die Set: 2067**	RJ11 DEC-MMJ OFFSET- 6P6C	Flat/Round, Solid/Stranded	RJ11 DEC/MMJ OFFSET	AMP (Tyco) Inc. Connectors Only
Tool & Die: 8036 **Tool & Die: 1345** **Die Set: 2068**	RJ50 - 10P10C (10 Pin)	Flat/Round, Solid/Stranded	RJ50 Unkeyed WE and SS	Virginia Plastics (VP)
Tool & Die: 8038 **Tool & Die: 1361** **Die Set: 2032**	British Telecom 6 Pole Plug	Flat/Round, Solid/Stranded	BT 6 Pole	British Telecom Plugs Only

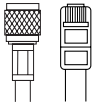
Shielded Twisted Pair (STP & SCTP) Modular Plug Crimpers

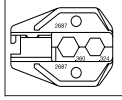


 **Tool & Die: 8040** **Tool & Die: 1370** **Die Set: 2670**	RJ45, Stewart Connector, Short Body	Round, Shielded (STP)	RJ45 STP Stewart Connector, Short Body	Stewart Connector
Tool & Die: 8041 **Tool & Die: 1371** **Die Set: 2671**	RJ45, Hirose Connectors, Long Body	Round, Shielded (STP)	RJ45 STP Hirose Connector, Long Body	Hirose
 **Tool & Die: 8042** **Tool & Die: 1372** **Die Set: 2672**	RJ45, Hirose Connectors, Short Body	Round, Shielded (STP)	RJ45 STP Hirose Connectors, Short Body	Hirose

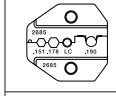
Tool & Die: 8043 **Tool & Die: 1373** **Die Set: 2673**	RJ45, Molex Connectors, for 5.0 dia. Cable	5.0mm Dia. Round, Shielded (STP)	RJ45 STP Molex Connectors, 5.0mm dia. cable	Molex
Tool & Die: 8044 **Tool & Die: 1374** **Die Set: 2674**	RJ45, AMP/Molex Connectors, for 6.0 dia. Cable	6.0mm Dia. Round, Shielded (STP)	RJ45 STP AMP & Molex, 6.0mm dia. cable	AMP (Tyco) Inc. & Molex

Specialty Crimpers

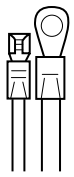
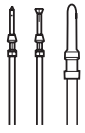
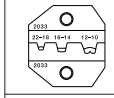
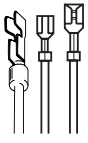
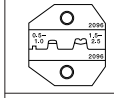
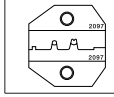
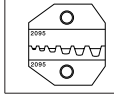


 **Tool & Die: 8045** **Tool & Die: 1387** **Die Set: 2687**	RJ45 WE/SS & RG6/RG6 Quad CATV "F"	UTP 4-Pair & RG6/RG6 Quad	RJ45 WE/SS 8-pin & .360"(9.1mm) HEX/ .324"(8.2mm) HEX	For standard RJ45 WE/SS Modular Plugs & 1-piece RG6/RG6 Quad CATV "F" conns.

Fiber Optic Crimpers

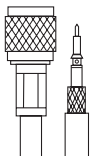
Tool & Die: 8017 **Tool & Die: 1362** **Die Set: 2652**	Fiber Optic SMA, SMB, SFR, ST, SC Type	Fiber Optic	0.128"(3.2mm)/0.151"(3.83mm)/0.215"(5.46mm)/ 0.197"(5.0mm)/0.178"(4.5mm) HEX	Universal for Ferrules and Sleeves, SC, FC, SMA
Tool & Die: 8018 **Tool & Die: 1330** **Die Set: 2043**	Fiber Optic SMA & FC Type	Fiber Optic	0.213"(5.41mm)/0.178"(4.5mm)/ 0.151"(3.83mm) HEX	Crimps Ferrules and Sleeves Only, SMA, FC
Tool & Die: 8019 **Tool & Die: 1331** **Die Set: 2030**	Fiber Optic SRF and SMF Type	Fiber Optic	0.190"(4.83mm)/0.160"(4.06mm)/ 0.132"(3.35mm) RND	AMP - Crimps Ferrules and Sleeves
Tool & Die: 8020 **Tool & Die: 1364** **Die Set: 2654**	Lucent Technologies ST II Type	Fiber Optic	0.190"(4.83mm) HEX/0.105"(2.67mm) RND/ 0.090"(2.3mm) RND	Lucent ST - Crimps Ferrules and Sleeves
Tool & Die: 8037 **Tool & Die: 1369** **Die Set: 2669**	Fiber Optic 3M SC/FC-3	Fiber Optic	0.120"(3.05mm) RND/0.137"(3.48mm) RND/ 0.190"(4.83mm) RND	3M SC/FC Type Fiber Connectors with Round Crimp
 **Tool & Die: 8039** **Tool & Die: 1375** **Die Set: 2685**	Fiber Optic Universal LC/ST/FC/MT-RJ/SC	Fiber Optic	.151"(3.83mm) HEX/.178"(4.5mm) HEX/LC RND/ .190"(4.83mm) RND	SC/ST, Lucent/Krone LC, SMA, FC, MT-RJ
Tool & Die: 8050 **Tool & Die: 1390** **Die Only: 2695**	AMP SC 2.0/2.5/3.0 mm .110/.125/.140/.191 RND	Fiber Optic	AMP SC 2.0/2.5/3.0 mm .110/.125/.140/.191 RND	Connectors with round crimp AMP SC

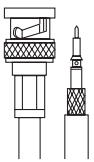
Part Numbers	Type(s)	Connector Types (28-22 AWG/.08-.34mm²)	Crimp Sizes	Connector Manufacturers or Remarks

Part Numbers	Type(s)	Connector Type(s)	Crimp Sizes	Connector Manufacturers or Remarks
Insulated Terminal Crimpers				
 **Tool & Die: 8021** **Tool & Die: 1305** **Die Set: 2035**	Insulated Terminals and Lugs	Solid or Stranded Wire, 22-10 AWG (.34-6 mm²)	12-10 (Yellow)/16-14 (Blue)/22-18 (Red) (6-4/2.5-1.5/.34-.75 mm²)	For Large Professional Terminals (Panduit, T & B, etc.)
Tool & Die: 8022 **Tool & Die: 1308** **Die Set: 2040**	Insulated Terminals and Lugs	Solid or Stranded Wire, 22-12 AWG (.34-4 mm²)	12 (Yellow)/16-14 (Blue)/22-18 (Red) (4/1.5-2.5/.34-.75 mm²)	For Standard Commercial Terminals (Hardware Store Brands)
Tool & Die: 8023 **Tool & Die: 1334** **Die Set: 2029**	Insulated Terminals and Lugs	Solid or Stranded Wire, 26-14 AWG (.10-2.5 mm²)	16-14 (Blue)/22-18 (Red)/22-26 (Yellow) (1.5-2.5/.34-.75/.34-.10 mm²)	For Smaller Wire Barrel Terminals
Non-Insulated Terminal Crimpers				
Tool & Die: 8024 **Tool & Die: 1322** **Die Set: 2031**	Non-Insulated Terminals and Lugs	Solid or Stranded Wire, 22-8 AWG (.34-10 mm²)	10-8/14-12/18-16/22-120 (6-10/2.5-4/.75-1.5/.34-.50 mm²)	For Standard Commercial Terminals
Open Barrel Contacts, Box Contacts, and Terminal Crimpers				
  **Tool & Die: 8026** **Tool & Die: 1306** **Die Set: 2033**	Open Barrel Non-Insulated Terminals, Narrow Lugs and Power Contacts	Solid or Stranded Wire, 22-10 AWG (.34-6 mm²), F-Type*	22-18/16-14/12-10 (.34-.75/1.5-2.5/4-6 mm²)	For Standard Commercial Terminals
  **Tool & Die: 8027** **Tool & Die: 1358** **Die Set: 2096**	Open Barrel Non-Insulated Terminals, Wide Lugs and Power Contacts	Solid or Stranded Wire, 22-14 AWG (.34-2.5 mm²), F-Type*	16-14/22-18 (1.5-2.5/.34-.75 mm²)	For Standard Commercial Terminals
 **Tool & Die: 8029** **Tool & Die: 1359** **Die Set: 2097**	Open Barrel D-Sub Contact Pins RS-232	Solid or Stranded Wire, 28-20 AWG (.08-.50 mm²), F-Type*	28-24/22-20 (.08-.2/.34-.5 mm²)	For Standard D-sub Pins Only; not for HD D-subs
Wire Ferrule Crimpers				
 **Tool & Die: 8025** **Tool & Die: 1360** **Die Set: 2095**	Insulated & Non-Insulated Wire Ferrules	Solid or Stranded Wire, 22-10 AWG (.34-6 mm²)	22-20/18-16/14-12/10 (.34-.50/.75-1.5/2.5-4/6 mm²)	For DIN or US Type Wire Ferrules

** This is also known as "B-type"*

Coaxial Crimpers

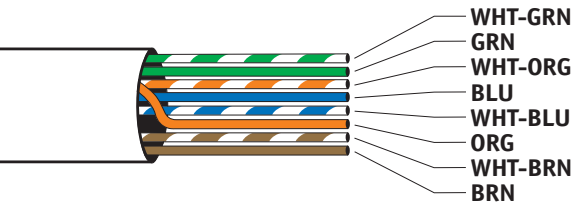




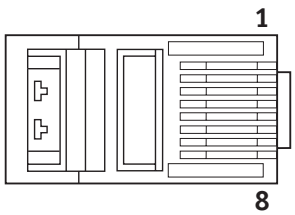
	Part Numbers	Type(s)	Connector Type(s)	Crimp Sizes	Connector Manufacturers or Remarks
	Tool & Die: 8001 **Tool & Die: 1317** **Die Set: 2034**	BNC/TNC, 3 Piece	RG58, RG59, RG62AU	0.256"(6.5mm)/0.213"(5.4mm)/ 0.068"(1.7mm) HEX	Common 2-piece and 3-piece BNC/TNC
	Tool & Die: 8002 **Tool & Die: 1366** **Die Set: 2648**	HDTV SMA, True 75-ohm BNC/TNC, Mini-UHF	RG174, RG59/62, mini-coaxial 75-ohm	0.255"(6.5mm)/0.197"(5.0mm)/0.178"(4.5mm) /0.068"(1.7mm) HEX & 0.042"(1.0mm) SQ	Common 2-piece and 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.)
	Tool & Die: 8003 **Tool & Die: 1367** **Die Set: 2649**	HDTV BNC/TNC/CATV "F" True 75-ohm	RG59, RG6, Belden 8281, Belden 1694A	0.324"(8.2mm)/0.255"(6.5mm)/0.068"(1.7mm) HEX & 0.052"(1.3mm)/0.042"(1.0mm) SQ	Common 2-piece and 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.)
	Tool & Die: 8004 **Tool & Die: 1368** **Die Set: 2657**	HDTV BNC/TNC True 75-ohm	RG6, Belden 1694, Belden 1694A	0.278"(7.0mm)/0.275"(6.9mm)/ 0.068"(1.7mm) HEX & 0.042" (1.0mm) SQ	Common 3-piece BNC/TNC (Kings & ADC HDTV)
	Tool & Die: 8005 **Tool & Die: 1363** **Die Set: 2653**	SMA, SMB, Mini-59 BNC/TNC, Mini-UHF	RG58, Mini-59, RG-174, small coaxial	0.128"(3.2mm)/0.213"(5.4mm)/0.197"(5.0mm)/ 0.178"(4.5mm)/0.068"(1.7mm) HEX & 0.042"(1.0mm) SQ	Common 2-piece and 3-piece SMA/SMB/BNC/TNC & Mini-UHF
	Tool & Die: 8006 **Tool & Die: 1335** **Die Set: 2046**	Thinnet, BNC/TNC, Mini-UHF	RG58, RG174, AT & T 735, 50 and 75 ohm	0.213"(5.4mm)/0.178"(4.5mm)/ 0.068"(1.7mm) HEX & 0.042"(1.0mm) SQ	50/75 ohm small 2-piece and 3-piece BNC/TNC (Kings, ADC, etc.)
	Tool & Die: 8007 **Tool & Die: 1336** **Die Set: 2047**	BNC/TNC, and Mini-UHF	RG59, RG62, Belden 8281, 50 and 75 ohm	0.315"(8.0mm)/0.252"(6.4mm)/ 0.068"(1.7mm) HEX & 0.042"(1.0mm) SQ	75 ohm 2-piece and 3-piece BNC/TNC (Kings, ADC, Amphenol, etc.)
	Tool & Die: 8008 **Tool & Die: 1338** **Die Set: 2051**	BNC/TNC	RG174, RG179, and Small Cable Conn.	0.178"(4.5mm)/0.128"(3.2mm)/ 0.068"(1.7mm) HEX	Common 2-piece and 3-piece BNC/TNC/SMA/SMB
	Tool & Die: 8009 **Tool & Die: 1347** **Die Set: 2075**	BNC/TNC	RG58, RG59, RG62AU, RG6 Teflon/Plenum	0.325"(8.25mm)/0.215"(5.46mm)/ 0.065"(1.65mm) HEX	2-piece and 3-piece BNC/TNC AIM/Cambridge
	Tool & Die: 8010 **Tool & Die: 1348** **Die Set: 2076**	BNC/TNC	RG6, RG58	0.320"(8.13mm)/0.210"(5.33mm)/ 0.185"(4.7mm) HEX	2-piece BNC/TNC AIM/Cambridge, Kings, Amphenol
	Tool & Die: 8011 **Tool & Die: 1349** **Die Set: 2082**	BNC/TNC	Belden 1694A, Belden 1695A	0.315"(8.0mm)/0.068"(1.7mm) HEX	Common 2-piece and 3-piece BNC/TNC
	Tool & Die: 8012 **Tool & Die: 1356** **Die Set: 2045**	BNC and CATV "F" Type & HDTV	RG6 and RG6 Quad, Belden 1694A	0.360"(9.1mm)/0.324"(8.2mm)/ 0.068"(1.7mm) HEX	Common 2-piece and 3-piece BNC/TNC, and CATV "F" 2-piece
	Tool & Die: 8013 **Tool & Die: 1328** **Die Set: 2042**	CATV "F" Type	RG59, RG6 Video Cable	0.346"(8.8mm)/0.319"(8.1mm)/ 0.256"(6.5mm) HEX	Crimps Ferrules or Sleeves Only
	Tool & Die: 8014 **Tool & Die: 1365** **Die Set: 2656**	N-type	RG8, RG11, RG213	0.429"(10.9mm)/0.100"(2.54mm)/ 0.080"(2.03mm) HEX	Common 2-piece and 3-piece "N"-Type (Kings, ADC, Amphenol, etc.)
	Tool & Die: 8015 **Tool & Die: 1319** **Die Set: 2039**	N-type, MS39012 Type	RG8, RG11, RG213, RG216	0.415"(10.5mm)/0.095"(2.4mm) HEX	Crimps Pins and Ferrules
	Tool & Die: 8016 **Tool & Die: 1337** **Die Set: 2050**	BNC/TNC	RG8, RG213	0.402"(10.2mm)/0.094"(2.4mm)/ 0.079"(2.0mm) HEX	Common 2-piece and 3-piece BNC/TNC
	Tool & Die: 8049 **Tool & Die: 1389** **Die Set: 2699**	HDTV BNC/TNC True 75-ohm	Belden 1855A, 1865A, 1505A, 1505F, 1694A, 1694F, 179DT	0.178"(4.5mm)/0.255"(6.5mm)/0.278"(7.0mm) /0.068"(1.7mm)/0.041"(1.0mm) HEX	Kings, ADC, B&L, Trompeter, Amphenol, Switchcraft

Data Network Cable Assembly Instructions

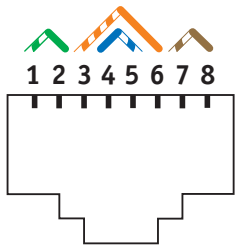
EIA/TIA-568A



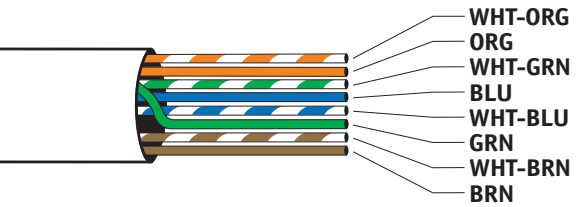
RJ45 Plug



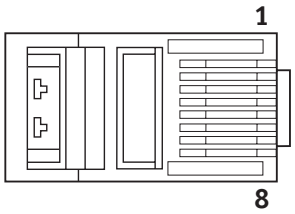
RJ45 Socket



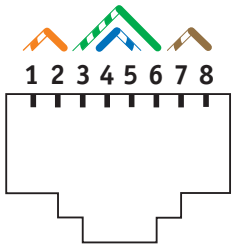
EIA/TIA-568B



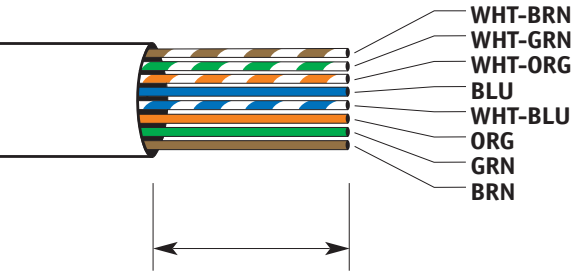
RJ45 Plug



RJ45 Socket

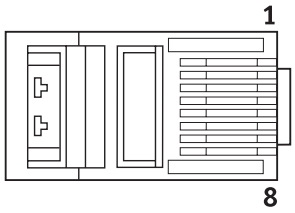


USOC

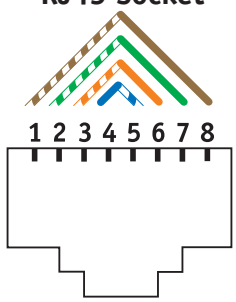


Ref. 0.50 inches
all types

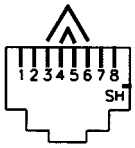
RJ45 Plug



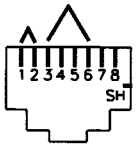
RJ45 Socket



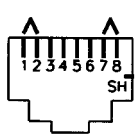
TOKEN RING



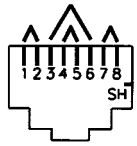
100 BASE-T4
10 BASE-T



ISDN
TP-PMD
ATM 155Mbps



T568A & T568B
EIA/TIA-568A
EIA/TIA-568B
SYSTIMAX SCS
100 BASE-T8



Crimping Tools

Calibration for Crimp Tools

Paladin Tools offers calibration information and support for professional crimping tools in our HTO (1600 Series) and CTO (Heavy Duty Series) frame styles. The professional tools are designed, manufactured, assembled, and tested to meet the calibration criteria specified by DIN (Deutsche Industry Norm) Standards.

Our 1300 Series and CrimpALL 8000 Series interchangeable die crimping tools are not covered by a calibration program. These tools, while manufactured with the highest quality materials and workmanship, are intended for multiple-application use that prevents a calibration standard for the tool. The continuous changing of die sets and applications prohibits an acceptable calibration platform for these tools. To calibrate these tools, contact the connector manufacturer for crimp and pull force specifications.

For more information about calibrating crimp tools, call our Customer Service Team at:

800.272.8665 or **001.804.550.1121**,

or look on our web site:
www.paladin-tools.com in the Contact Us section.

Recommended Ratchet Gear Settings for Optimum Crimp Performance

	Recommended Gear Setting Position		
Cable Size/Type	**1300 Series**	**8000 Series**	**1600 Series**
Fiber Optic: SMA, SC, ST, STII, FC Connector Types	2	2	2
Small Coax: RG178/RG179/RG188/RG174/NT735/AT&T 735, Mini-59	2	2	2
Coax: RG58, RG59, RG62, RG122 (Any with diameter up to 0.20 inches)	2	3	3
Coax: RG6, RG6 Quad, Belden 1694, Belden 8281 (Any with diameter up to 0.310 inches)	3	3	3
Coax: RG8, RG11, RG212, RG213	4	4	N/A
4-Pair Data Cables for Modular Plugs, and Flat Satin Cable	2	2	N/A
Hook up wire for Insulated and Non-insulated Terminals and Splices, 8,10, & 12 AWG	3	3	N/A
Hook up wire for Insulated and Non-insulated Terminals and Splices, 14 - 26 AWG	2	2	2
Hook up wire for Open Barrel Contacts and pins, 18 - 32 AWG	2	2	2
Hook up wire for Wire Ferrules, 14 - 32 AWG	2	2	2
Hook up wire for Wire Ferrules, 8-12 AWG	3	3	3

Setting the ratchet gear:

1. Remove the screw from the ratchet gear.
2. Rotate the gear until the required tooth slot is located over the screw hole.
3. Install and tighten the screw into the ratchet gear.

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US/Metric Conversion Chart

Wire Gauge Equivalents

AWG	=	mm^2
32	=	0.03
30	=	0.05
28	=	0.08
26	=	0.10
24	=	0.20
22	=	0.34
20	=	0.50
18	=	0.75
None	=	1.00
16	=	1.50
14	=	2.50
12	=	4.00
10	=	6.00
8	=	10
6	=	16
4	=	25
2	=	35
1/0	=	50
2/0	=	70
3/0	=	80
4/0	=	96-116
250 MCM	=	127
300 MCM	=	152
350 MCM	=	177
400 MCM	=	203
500 MCM	=	240
600 MCM	=	300
750 MCM	=	400
1500 MCM	=	800
2000 MCM	=	1000

Conversions

1 inch	=	25.4 mm
1 inch	=	2.54 cm
1 mm	=	0.0394 inch
1 cm	=	0.394 inch
1 ounce	=	28.5 grams
Degrees C	=	(Degrees F – 32) x 5/9
Degrees F	=	(Degrees C x 9/5) + 32
1 Newton (force)	=	4.448 lbs. (force)
1 lb. (force)	=	0.2248 Newtons (force)

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