TE connectivity

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5504971-4 Product Details

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5504971-4

TE Internal Number: 5504971-4

✔ Active

Fiber Optic Cable Assemblies

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:
- Duplex Fiber, ST & SC Multimode
- Cable Assembly
- SC Fiber Optic Cable Connector Type
- Fiber Type = OM1 62.5/125 Micron
- Cable Assembly Type = SC Duplex to SC Duplex

View all Features

Quick Links
- ▶ Pricing & Availability
- ▶ Search for Tooling
- ▶ Product Feature Selector
- ▶ Contact Us About This Product

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Documentation & Additional Information

Product Drawings:
- CABLE ASSEMBLY, FIBER OPTIC, 3.0 mm 62.5/125um LDD... (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files:
- None Available

Related Products:
- Tooling

List all Documents

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:
- Product Designation = Duplex Fiber, ST & SC Multimode
- Product Type = Cable Assembly
- Fiber Optic Cable Connector Type = SC
- Cable Assembly Type = SC Duplex to SC Duplex
- Cable Type = Twin Zip

Termination Features:
- Fiber Type (Micron) = OM1 62.5/125

Dimensions:
- Cable Diameter (mm [in]) = 3.00 [.118]
- Length (M [ft]) = 5.00 [16.40]

Body Features:
- Cable Color = Orange
- Boot Body Style - Left = Long
- Boot Color - Left = Beige
- Boot Body Style - Right = Long
- Boot Color - Right = Beige
- Ferrule Material = Ceramic

Contact Features:
- Fibre Channel = No

Configuration Features:
- Mode = Multimode
- Number of Fibers = 2
- Cable Buffering = Tight Buffered
- Connector(s) Exit Angle to Connector(s) Exit Angle = 180° to 180°

Industry Standards:
- Flammability Rating Type = OFNR (Riser) Jacket
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Product Availability:
- Region = Asia, North America, Latin America

Other:
- Brand = TE Connectivity

Corporate Information
- About TE
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Quick Links
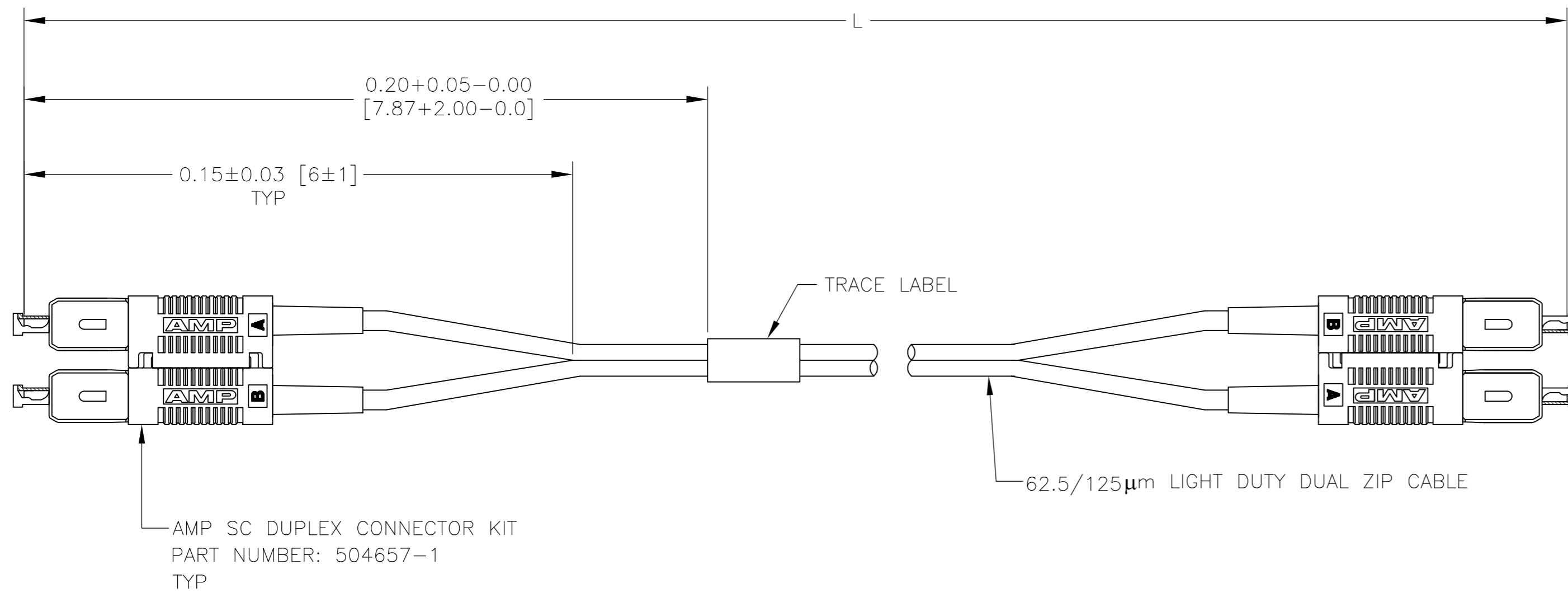- Distributor Inventory
- Product Cross Reference
- Documents & Drawings
- Product Compliance Support Center
- Site Map

Customer Support
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- Find a Phone Number
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- Manage Your Account

LOC	DIST	REVISIONS					
CE	16	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A1	REVISED PER ECO–11–005139	25MAR11	RK	HMR

L

0.20+0.05−0.00
[7.87+2.00−0.0]

0.15±0.03 [6±1]
TYP

TRACE LABEL

62.5/125μm LIGHT DUTY DUAL ZIP CABLE

AMP SC DUPLEX CONNECTOR KIT
PART NUMBER: 504657−1
TYP

/1\ MAXIMUM INSERTION LOSS IS 0.5 dB
PLUS CABLE ATTENUATION OF 1.5 dB/km
AT 1300 nm (SEE TABLE)

2. PRODUCT AND PROCESSING MUST MEET REQUIREMENTS
OF TE CONNECTIVITY STANDARD 230−702

MAX IL (dB) /1\	L	PART NUMBER
0.53	25.00±0.30 [984.0±12.0]	3–5504971–5
0.56	40.00±0.40 [1575.0±16.0]	3–5504971–4
0.73	150.00±1.50 [5906.0±59.0]	3–5504971–3
0.57	45.00±0.45 [1772.0±18.0]	3–5504971–2
0.50	2.43±0.05 [96.0±2.0]	3–5504971–1
0.50	1.82±0.05 [72.0±2.0]	3–5504971–0
0.50	1.21±0.05 [48.0±2.0]	2–5504971–9
0.52	10.97±0.15 [431.8±6.0]	2–5504971–8
0.52	10.36±0.15 [407.8±6.0]	2–5504971–7
0.51	9.75±0.15 [383.8±6.0]	2–5504971–6
0.51	9.14±0.15 [359.8±6.0]	2–5504971–5
0.51	8.53±0.15 [335.8±6.0]	2–5504971–4
0.51	7.92±0.15 [311.8±6.0]	2–5504971–3
0.59	60.0±0.60 [2362±24]	2–5504971–2
0.50	0.46±0.05 [18.00±2.00]	2–5504971–1
0.51	6.0±0.08 [236±3]	2–5504971–0
0.51	6.10±0.08 [240±3]	1–5504971–9
0.50	0.61±0.03 [24±1]	1–5504971–8
0.65	100 ±1.0 [3937±39]	1–5504971–7
0.58	50 ±0.5 [1969±20]	1–5504971–6
0.52	16 ±0.30 [630±12]	1–5504971–5
0.52	13 ±0.15 [512±6]	1–5504971–4
0.52	11 ±0.15 [433±6]	1–5504971–3
0.51	4 ±0.08 [157±3]	1–5504971–2
0.51	8 ±0.15 [315±6]	1–5504971–1
0.51	7 ±0.08 [275.6±3]	1–5504971–0
0.55	30 ±0.3 [1181±12]	5504971–9
0.53	20 ±0.3 [787±12]	5504971–8
0.52	15 ±0.15 [591±6]	5504971–7
0.61	76 ±0.76 [2992±30]	5504971–6
0.52	10 ±0.15 [394±6]	5504971–5
0.51	5 ±0.08 [197±3]	5504971–4
0.50	3 ±0.05 [118±2]	5504971–3
0.50	2 ±0.05 [79±2]	5504971–2
0.50	1 ±0.05 [39±2]	5504971–1

5504971

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: METERS[INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± –
	1 PLC ± –
	2 PLC ± –
	3 PLC ± –
	4 PLC ± –
	ANGLES ± –
MATERIAL –	FINISH –

DWN C.S.VASU	03 JAN 06
CHK J.DUNCAN	03 JAN 06
APVD J.DUNCAN	03 JAN 06
PRODUCT SPEC –	
APPLICATION SPEC –	
WEIGHT –	

≡TE
TE Connectivity

NAME
CABLE ASSEMBLY, FIBER OPTIC, 3.0 mm
62.5/125um LDD ZIP, AMP SC DUPLEX,
OPTIMATE

SIZE A2	CAGE CODE 00779	DRAWING NO C–5504971		RESTRICTED TO –
CUSTOMER DRAWING		SCALE NTS	SHEET 1 of 1	REV A1

1471−9 (3/11)