



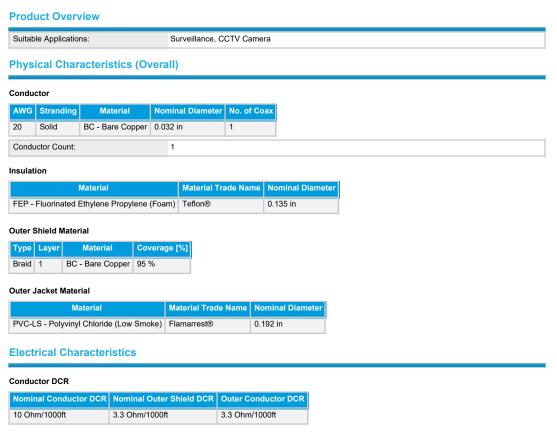
Product: <u>643948</u> ☑

Surveillance CCTV, RG-59 #20 BC, 95% BC Braid, CMP

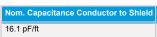
Product Description

Surveillance & CCTV Cable, RG59, Plenum-CMP, 20 AWG solid bare copper, foam FEP core, 95% bare copper braid, Flamarrest® jacket

Technical Specifications



Capacitance



Inductance

Nominal Inductance

Impedance

Nominal Characteristic Impedance
75 Ohm

High Frequency (Nominal/Typical)

Frequency [MHz] Nom. Insertion Loss

1 MHz	0.29 dB/100ft
3 MHz	0.58 dB/100ft
5 MHz	0.7 dB/100ft
8 MHz	0.87 dB/100ft
10 MHz	1.05 dB/100ft
50 MHz	1.8 dB/100ft
100 MHz	2.7 dB/100ft
200 MHz	3.9 dB/100ft
400 MHz	5.9 dB/100ft
700 MHz	8.5 dB/100ft
900 MHz	10 dB/100ft
1000 MHz	10.7 dB/100ft

Delay

Max. Delay Skew	Nominal Delay	Nominal Velocity of Propagation (VP) [%]
84 ns/100m	1.21 ns/ft	84 %

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	30 lbs/1000ft
Max Recommended Pulling Tension:	52 lbs
Min Bend Radius/Minor Axis:	1.75 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
CPR Euroclass:	Eca
RG Type:	59/U Type
Series Type:	Series 59

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
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EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes
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Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes	

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
643948 010U500	Black	UnReel	500 ft	612825176886
643948 0101000	Black	Reel	1,000 ft	612825176893
643948 010U1000	Black	UnReel	1,000 ft	612825176879
643948 877500	Natural			
643948 877U500	Natural	UnReel	500 ft	612825176916
643948 8771000	Natural	Reel	1,000 ft	612825176923
643948 877U1000	Natural	UnReel	1,000 ft	612825176909

Footnote:

C - CRATE REEL PUT-UP

Product Notes

Notes:

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History

Update and Revision:

Revision Number: 0.317 Revision Date: 04-28-2020

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