



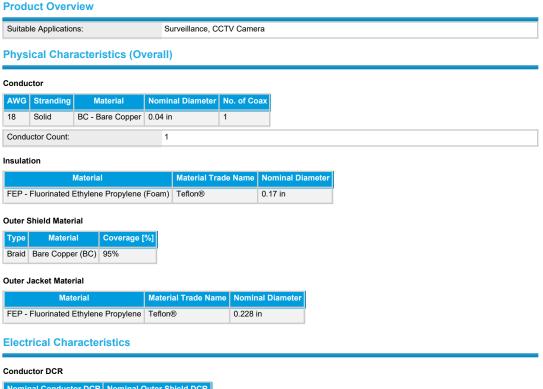
Product: 7985LC ☑

Surveillance CCTV, RG-6 #18 BC, 95% BC Braid, CMP

Product Description

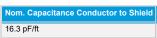
Surveillance & CCTV Cable, RG6, Plenum-CMP-FHC 25/50, 18 AWG bare copper foam FEP core, 95% bare copper braid, FEP jacket

Technical Specifications



Nominal Conductor DCR	Nominal Outer Shield DCR		
6.4 Ohm/1000ft	2.2 Ohm/1000ft		

Capacitance



Inductance

Nominal Inductance 0.097 µH/ft

Impedance

Nominal Characteristic Impedance

High Frequency (Nominal/Typical)

Frequency [MHz] Nom. Insertion Loss

1 MHz	0.24 dB/100ft
3 MHz	0.45 dB/100ft
5 MHz	0.55 dB/100ft
8 MHz	0.7 dB/100ft
10 MHz	0.85 dB/100ft
50 MHz	1.5 dB/100ft
100 MHz	2.1 dB/100ft
200 MHz	3.1 dB/100ft
400 MHz	4.7 dB/100ft
700 MHz	6.8 dB/100ft
900 MHz	8 dB/100ft
1000 MHz	8.5 dB/100ft

Delay

Max. Delay Skew Nominal Delay		Nominal Velocity of Propagation (VP) [%]		
83 ns/100m	1.24 ns/ft	83%		

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

UL Temp Rating:	200°C	
Operating Temp Range:	-40°C To +200°C	

Mechanical Characteristics

Bulk Cable Weight:	41 lbs/1000ft
Max. Pull Tension:	84 lbs
Min Bend Radius (Overall Cable):	1.04
Min Bend Radius/Minor Axis:	2.25 in

Standards

NEC Articles:	Article 800	
NEC/(UL) Compliance:	Limited Combustible FHC 25/50 CMP	
CEC/C(UL) Compliance:	CMP	
RG Type:	6/U Type	
Series Type:	6	

Applicable Environmental and Other Programs

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	

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL723 (NFPA 255)
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes	
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
7985LC 010500	Black	Reel	500 ft	612825192466
7985LC 0101000	Black	Reel	1,000 ft	612825192459
Footnote:			C-C	RATE REEL PUT

Product Notes

Notes:	Teflon wis a registered trademark of E. I. duPont de Nemours and Co. used under license by	, Reiden Inc
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History

Update and Revision:

Revision Number: 0.316 Revision Date: 09-30-2020

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