



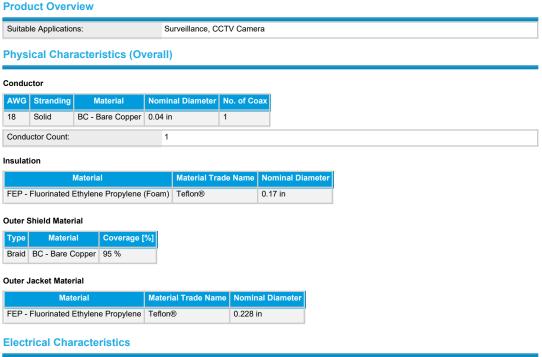
Product: <u>7985LC</u> ☑

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

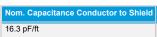
#### **Technical Specifications**



# Conductor DCR

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

#### Capacitance



#### Inductance

Nominal Inductance

#### Impedance

Nominal Characteristic Impedance
75 Ohm

### 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 Recommended Pulling Tension:	84 lbs
Min Bend Radius (Overall Cable):	1.04
Min Bend Radius/Minor Axis:	2.25 in

### **Standards**

NEC Articles:	800	
NEC/(UL) Specification: Limited Combustible FHC 25/50 CMP		
CEC/C(UL) Specification:	CMP	
RG Type:	6/U Type	
Series Type:	Series 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« is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

#### History

Update and Revision:

Revision Number: 0.279 Revision Date: 04-28-2020

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