

7985LC Coax - Surveillance and CCTV Applications



For more Information
please call

1-800-Belden1



Description:

18 AWG bare copper conductor, foam FEP insulation, bare copper braid shield, FEP jacket, sequential footage marking every two feet.

Usage (Overall)

Suitable Applications: CCTV

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	Solid	BC - Bare Copper	.040

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Dia. (in.)
Teflon®	FFEP - Foam Fluorinated Ethylene Propylene	.170

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Teflon®	FEP - Fluorinated Ethylene Propylene

Overall Cable

Overall Nominal Diameter: 0.228 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +200°C

UL Temperature Rating: 200°C

Bulk Cable Weight: 41 lbs/1000 ft.

Max. Recommended Pulling Tension: 84 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: Limited Combustible FHC 25/50 CMP

NEC Articles: 800

CEC/C(UL) Specification: CMP

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
RG Type:	6/U
Series Type:	Series 6

Flame Test

UL Flame Test:	UL723 (NFPA 255)
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

75

Nom. Inductance:

Inductance (µH/ft)

.097

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

16.3

Nominal Velocity of Propagation:

VP (%)

83

Nominal Delay:

Delay (ns/ft)

1.24

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.2

Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100 ft.)

1	0.24
3	0.45
5	0.55
8	0.70
10	0.85
50	1.50
100	2.1
200	3.1
400	4.7
700	6.8
900	8.0
1000	8.5

Max. Operating Voltage - UL:

Voltage

300 V RMS

Notes (Overall)

Notes: Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7985LC 0101000	1,000 FT	44.000 LB	BLACK	C	#18 FFEP BRD FEP
7985LC 010500	500 FT	22.000 LB	BLACK	C	#18 FFEP BRD FEP

Notes:

C = CRATE REEL PUT-UP.

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