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1-800-Belden1



Description:

11 AWG stranded (7x19) .108" bare copper conductor, foam polyethylene insulation, double bare copper braid shield (96% coverage) polyethylene jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	11	7x19	BC - Bare Copper	.108

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	.285

Inner Shield

Inner Shield Material:

Type	Inner Shield Material	Coverage (%)
Braid	BC - Bare Copper	96

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PE - Polyethylene	.370

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	96

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PE - Polyethylene

Overall Cable

Overall Nominal Diameter: 0.480 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -55°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 130 lbs/1000 ft.

Max. Recommended Pulling Tension: 326 lbs.

Min. Bend Radius (Install)/Minor Axis: 5 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark: No

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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:	8/U

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
50

Nom. Inductance:

Inductance (µH/ft)
.065

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
26

Nominal Velocity of Propagation:

VP (%)
78

Nominal Delay:

Delay (ns/ft)
1.3

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.2

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.2

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
2.1

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.100
10.000	0.500
50.000	1.200
100.000	1.800
200.000	2.700
400.000	4.200
700.000	5.800
900.000	6.700
1000.000	7.100

Max. Operating Voltage - Non-UL:

Voltage
300 V RMS (Between shield)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9888 0101000	1,000 FT	137.000 LB	BLACK	C	50 OHM TRIAX
9888 010500	500 FT	72.500 LB	BLACK	C	50 OHM TRIAX

Notes:

C = CRATE REEL PUT-UP.

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