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1-800-Belden1



Description:

18 awg stranded (7x26) .048" tinned copper conductor, polyethylene insulation, bare copper braid shield (97% coverage), non-contaminating PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	7x26	TC - Tinned Copper	.048

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PE - Polyethylene	.285

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	97

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVCNC - Polyvinyl Chloride Non-Contaminating

Overall Cable

Overall Nominal Diameter: 0.405 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +85°C

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 90 lbs/1000 ft.

Max. Recommended Pulling Tension: 143 lbs.

Min. Bend Radius (Install)/Minor Axis: 4.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMH

CEC/C(UL) Specification: CMH

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): 10/01/2005

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
Military Specification:	MIL-C-17G M17/6
RG Type:	11/U

Flame Test

UL Flame Test:	VW-1
C(UL) Flame Test:	FT1

Plenum/Non-Plenum

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

Nom. Characteristic Impedance:

Impedance (Ohm)

75

Nom. Inductance:

Inductance (µH/ft)

.17

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

20.5

Nominal Velocity of Propagation:

VP (%)

66

Nominal Delay:

Delay (ns/ft)

1.54

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.1

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.2

Nom. Attenuation:

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

1	.2
10	.7
50	1.3
100	2.0
200	2.9
400	4.2
700	5.8
900	6.9
1000	7.2

Max. Operating Voltage - Non-UL:

Voltage

3700 V RMS

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9212 0101000	1,000 FT	105.000 LB	BLACK	C	M17/6-RG11 COAX

Notes:

C = CRATE REEL PUT-UP.

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