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1-800-Belden1



General Description:

18 AWG stranded (7x26) .048" tinned copper conductor, polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	18	7x26	TC - Tinned Copper	1.2192

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PE - Polyethylene	7.239

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95.000

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVCNC - Polyvinyl Chloride Non-Contaminating

Overall Cable

Overall Nominal Diameter: 10.287 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +60°C

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 141.379 Kg/Km

Max. Recommended Pulling Tension: 636.093 N

Min. Bend Radius/Minor Axis: 101.600 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CEC/C(UL) Specification: CXC

EU Directive 2011/65/EU (ROHS II): Yes

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
RG Type:	11A/U

Flame Test

UL Flame Test:	VW-1
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Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

Plenum/Non-Plenum

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

Nom. Characteristic Impedance:

Impedance (Ohm)
75

Nom. Inductance:

Inductance (µH/m)
0.374034

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
67.2605

Nominal Velocity of Propagation:

VP (%)
66

Nominal Delay:

Delay (ns/m)
5.05274

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
20.0141

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
3.9372

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1	0.6562
10	2.2967
50	4.2653
100	6.562
200	9.5149
400	13.7802
700	19.0298
900	22.3108
1000	23.2951

Max. Operating Voltage - UL:

Voltage
3700 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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METRIC MEASUREMENT VERSION

8261 Coax - 75 Ohm Coax

8261 0101000	1,000 FT	104.000 LB	BLACK	C	RG-11A/U MIL-C-17D COAX
8261 010500	500 FT	52.500 LB	BLACK	C	RG-11A/U MIL-C-17D COAX

Notes:

C = CRATE REEL PUT-UP.

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