



For more Information
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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), non-contaminating 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 +85°C

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 142.867 Kg/Km

Max. Recommended Pulling Tension: 636.093 N

Min. Bend Radius/Minor Axis: 107.950 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMH

CEC/C(UL) Specification: CMH

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
MIL Order #39 (China RoHS):	Yes
Military Specification:	MIL-DTL-17, M17/6, QPL
RG Type:	11/U

Flame Test

UL Flame Test:	VW-1
CSA 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/m)

0.55777

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	22.6389
1000	23.6232

Max. Operating Voltage - Non-UL:

Voltage

3700 V RMS

Put Ups and Colors:

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

9212 Coax - 75 Ohm Coax

9212 0101000	1,000 FT	105.000 LB	BLACK	C	M17/6-RG11 COAX
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Notes:

C = CRATE REEL PUT-UP.

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