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1-800-Belden1



Description:

15.5 AWG solid .056" silver-plated copper conductor, polyethylene insulation, double silver-plated copper braid shield (95% coverage), non-contaminating PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	15.5	Solid	SPC - Silver Plated Copper	.056

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PE - Polyethylene	.185

Outer Shield

Outer Shield Material:

Layer #	Type	Outer Shield Material	Coverage (%)
1	Braid	SPC - Silver Plated Copper	95
2	Braid	SPC - Silver Plated Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVCNC - Polyvinyl Chloride Non-Contaminating

Overall Cabling

Overall Nominal Diameter: 0.332 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -50°C To +80°C

Non-UL Temperature Rating: 85°C

Bulk Cable Weight: 81 lbs/1000 ft.

Max. Recommended Pulling Tension: 116 lbs.

Min. Bend Radius (Install)/Minor Axis: 4 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): 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-C-17G, M17/162-00001
RG Type:	212/U

Flame Test

UL Flame Test:	VW-1
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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)
.077

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
30.8

Nominal Velocity of Propagation:

VP (%)
66

Nominal Delay:

Delay (ns/ft)
1.54

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
3.3

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.1

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.26
10	.83
50	1.9
100	2.7
200	4.1
400	5.9
700	8.0
900	9.1
1000	9.8

Max. Operating Voltage - UL:

Voltage
2200 V RMS

Notes (Overall)

Notes: Non-SWR swept version of RG-212.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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