

For more Information
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1-800-Belden1



General Description:

Low noise, RG-58/U Type, 22 AWG stranded (7x30) .030" TC conductor, polyethylene insulation, conductive layer, Duobond® II + TC braid shield (95% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	22	7x30	TC - Tinned Copper	0.762

Total Number of Conductors: 1

Insulation

Insulation Material:

Layer #	Insulation Material	Dia. (mm)
1	CPE - Conductive Polyethylene	0.914
2	PE - Polyethylene	2.845

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Bonded Duofoil®	Tape	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	TC - Tinned Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 4.953 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 35.717 Kg/Km

Max. Recommended Pulling Tension: 39.367 N

Min. Bend Radius/Minor Axis: 50.800 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

EU CE Mark: Yes

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:	58/U

Plenum/Non-Plenum

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

Nom. Characteristic Impedance:

Impedance (Ohm)

50

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

121.397

Nominal Velocity of Propagation:

VP (%)

56

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

35.4348

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

13.4521

Other Electrical Characteristic 1:	NBS Low Noise Test (Modified), MIL-C-17 Paragraph 4.8.14, 8 mV Peak to Peak Max
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Max. Noise Level (Peak to Peak):	8 mV
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Notes (Overall)

Notes: Not recommended for RF use

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9223 010100	100 FT	3.100 LB	BLACK		#22 LOW NOISE COAX CABLE
9223 0101000	1,000 FT	26.000 LB	BLACK	C	#22 LOW NOISE COAX CABLE
9223 010500	500 FT	13.500 LB	BLACK	C	#22 LOW NOISE COAX CABLE

Notes:

C = CRATE REEL PUT-UP.

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