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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. (in.)
1	22	7x30	TC - Tinned Copper	.030

Total Number of Conductors: 1

Insulation

Insulation Material:

Layer #	Insulation Material	Dia. (in.)
1	CPE - Conductive Polyethylene	0.036
2	PE - Polyethylene	0.112

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: 0.195 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Non-UL Temperature Rating:	80°C
Bulk Cable Weight:	24 lbs/1000 ft.
Max. Recommended Pulling Tension:	8.850 lbs.
Min. Bend Radius/Minor Axis:	2 in.

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

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
50

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
37.0

Nominal Velocity of Propagation:

VP (%)
56

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.8

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.1

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

Max. Noise Level (Peak to Peak): 8 mV

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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