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1-800-Belden1



Description:

20 AWG stranded (19x33) .035" tinned copper conductor, polyethylene insulation, tinned copper braid shield (95% coverage), non-contaminating PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	20	19x33	TC - Tinned Copper	0.889

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PE - Polyethylene	2.921

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVCNC - Polyvinyl Chloride Non-Contaminating

Overall Cabling

Overall Nominal Diameter: 4.953 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +85°C
UL Temperature Rating:	85°C
Bulk Cable Weight:	35.717 Kg/Km
Max. Recommended Pulling Tension:	186.824 N
Min. Bend Radius (Install)/Minor Axis:	50.800 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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):	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

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

8262 Coax - 50 Ohm Coax

Military Specification: MIL-DTL-17, M17/155-00001

RG Type: 58C/U

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

50

Nom. Inductance:

Inductance (µH/m)

0.252637

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

101.055

Nominal Velocity of Propagation:

VP (%)

66

Nominal Delay:

Delay (ns/m)

5.05274

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

35.4348

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

13.4521

Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100m)

1 1.3124

10 4.5934

50 10.8273

100 16.0769

200 23.9513

400 37.7315

700 55.777

900 65.62

1000 70.5415

Max. Operating Voltage - Non-UL:

Voltage

1400 V RMS

Notes (Overall)

Notes: Non-SWR swept version of RG-58.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8262 010U1000	305 MT	11.793 KG	BLACK		M17/155-00001 COAX (10DAY)
8262 010U500	152 MT	6.124 KG	BLACK		M17/155-00001 COAX (10DAY)
8262 0101000	305 MT	11.340 KG	BLACK	C	M17/155-00001 COAX (10DAY)

METRIC MEASUREMENT VERSION

8262 Coax - 50 Ohm Coax

8262 010500	152 MT	5.670 KG	BLACK	C	M17/155-00001 COAX (10DAY)
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Notes:

C = CRATE REEL PUT-UP.

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