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1-800-Belden1



General Description:

RG-62/U type, 22 AWG solid .025" bare copper-covered steel conductor, plenum, foamed FEP insulation, bare copper braid shield (94% coverage), FEP jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	22	Solid	BCCS - Bare Copper Covered Steel	0.635

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Teflon®	FFEP - Foam Fluorinated Ethylene Propylene	1.524

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	94

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
FEP - Fluorinated Ethylene Propylene	0.381

Overall Cable

Overall Nominal Diameter: 5.182 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -70°C To +200°C

UL Temperature Rating: 200°C

Bulk Cable Weight: 47.622 Kg/Km

Max. Recommended Pulling Tension: 289.133 N

Min. Bend Radius/Minor Axis: 57.150 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMP

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): 04/01/2005

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
RG Type:	62/U

Flame Test

UL Flame Test:	NFPA 262
CSA Flame Test:	FT6

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

93

Nom. Inductance:

Inductance (µH/m)

0.059058

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

41.0125

Nominal Velocity of Propagation:

VP (%)

85

Nominal Delay:

Delay (ns/m)

3.93064

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

135.177

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

11.1554

Nom. Attenuation:

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

1	0.9843
10	2.9529
50	6.2339
100	8.8587
200	12.4678
400	17.3893
700	23.9513
900	26.9042
1000	28.5447

Max. Operating Voltage - UL:

Voltage

300 V RMS

Notes (Overall)

Notes: Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
86262 0091000	1,000 FT	34.000 LB	WHITE	C	#22 COAX RG-62/U TYPE
86262 009500	500 FT	17.500 LB	WHITE	C	#22 COAX RG-62/U TYPE

Notes:

C = CRATE REEL PUT-UP.

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