Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



82262 Coax - 93 Ohm Coax

For more Information please call

1-800-Belden1



General Description:

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

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 Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.381

Overall Cable

Overall Nominal Diameter: 5.182 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	44.646 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):	10/01/2005

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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 IBM P/N 4885584 Type II 62/U		
Customer Part Number Reference Specification:			
RG Type:			
lame Test			
UL Flame Test:	NFPA 262		
CSA Flame Test:	FT6		
uitability			
Suitability - Indoor:	Yes		
lenum/Non-Plenum			
Plenum (Y/N):	Yes		

Electrical Characteristics (Overall)

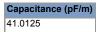
Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



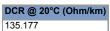
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



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 RIV	S		

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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
82262 877U1000	305 MT	14.515 KG	NATURAL		#22 RG 62/U FEP FLMRST
82262 8771000	305 MT	14.061 KG	NATURAL	С	#22 RG62/U FEP FLMRST

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 11-08-2012

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