# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



#### 82262 Coax - 93 Ohm Coax

For more Information please call

1-800-Belden1



## **General Description:**

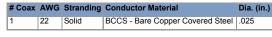
RG-62/U type, 22 AWG solid .025" bare copper-covered steel conductor, plenum, foam FEP insulation, bare copper braid shield (94% coverage), Flamarrest® jacket.

0.204 in.

### **Physical Characteristics (Overall)**

### Conductor

AWG:



Total Number of Conductors:

#### Insulation

Insulation Material:

Insulation Trade Name Insulation Material		Wall Thickness (in.)	
Teflon®	FFEP - Foam Fluorinated Ethylene Propylene	0.060	

#### **Outer Shield**

Outer Shield Material:



#### **Outer Jacket**

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)	
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.015	

#### **Overall Cable**

Overall Nominal Diameter:

#### **Mechanical Characteristics (Overall)**

Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	30 lbs/1000 ft.
Max. Recommended Pulling Tension:	65 lbs.
Min. Bend Radius/Minor Axis:	2.250 in.

#### **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
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
Customer Part Number Reference Specification:	IBM P/N 4885584 Type II
RG Type:	62/U

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Fla	Flame Test		
	UL Flame Test:	NFPA 262	
	CSA Flame Test:	FT6	
Su	itability		
	Suitability - Indoor:	Yes	
Plenum/Non-Plenum			
	Plenum (Y/N):	Yes	

#### **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:

Impedance (Ohm) 93

Nom. Inductance:

Inductance (µH/ft) 0.107

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

Nominal Velocity of Propagation:

VP (%) 85

Nominal Delay:

Delay (ns/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 41 2

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.3
10	0.9
50	1.9
100	2.7
200	3.8
400	5.3
700	7.3
900	8.2
1000	8.7

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
82262 877U1000	1,000 FT	32.000 LB	NATURAL		#22 RG 62/U FEP FLMRST
82262 8771000	1,000 FT	31.000 LB	NATURAL	С	#22 RG62/U FEP FLMRST

C = CRATE REEL PUT-UP.

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

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