# **Detailed Specifications & Technical Data**

## **ENGLISH MEASUREMENT VERSION**



## 82262 Coax - 93 Ohm Coax

For more Information please call

1-800-Belden1



## **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. (in.)
1	22	Solid	BCCS - Bare Copper Covered Steel	.025

#### Insulation

#### **Insulation Material:**

Insulation Trade Name	Insulation Material	Dia. (in.)
Teflon®	FFEP - Foam Fluorinated Ethylene Propylene	.146

## **Outer Shield**

### **Outer Shield Material:**

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

### **Outer Jacket**

## **Outer Jacket Material:**

Outer Jacket Trade Nar	ne Outer Jacket Material
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride

### **Overall Cable**

Overall Nominal Diameter: 0.204 in.

## **Mechanical Characteristics (Overall)**

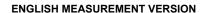
Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	35 lbs/1000 ft.
Max. Recommended Pulling Tension:	65 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.250 in.

## **Applicable Specifications and Agency Compliance (Overall)**

## **Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
EU 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

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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
Flame Test	
UL Flame Test:	NFPA 262
C(UL) Flame Test:	FT6
Suitability	
Suitability - Indoor:	Yes
Plenum/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:

DCR @ 20°C	(Ohm/1000 ft)
41.2	

Nominal Outer Shield DC Resistance:

DCR @ 20°C (O	hm/1000 ft)
3.4	

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:



## **Notes (Overall)**

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



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## **Related Documents:**

No related documents are available for this product

### **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

#### Notes:

C = CRATE REEL PUT-UP.

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