

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

Total Number of Conductors: 1

#### Insulation

##### Insulation Material:

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

#### 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 (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.015

#### 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: 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
MIL 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
CSA Flame Test:	FT6

**Suitability**

Suitability - Indoor:	Yes
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**Plenum/Non-Plenum**

Plenum (Y/N):	Yes
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**Electrical Characteristics (Overall)****Nom. Characteristic Impedance:**

Impedance (Ohm)
93

**Nom. Inductance:**

Inductance (μH/ft)
0.107

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)
12.5

**Nominal Velocity of Propagation:**

VP (%)
85

**Nominal Delay:**

Delay (ns/ft)
1.2

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
41.2

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/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:**

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	C	#22 RG62/U FEP FLMRST

**Notes:**

C = CRATE REEL PUT-UP.

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