

82269 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, semi-solid FEP insulation, bare copper braid shield (94% coverage), Flamarrest® low-smoke 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	Dia. (in.)
Teflon®	Semi-Solid FEP - Semi-Solid Fluorinated Ethylene-Propylene	.142

**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
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride

**Overall Cable**

Overall Nominal Diameter: 0.200 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/Minor Axis:	2.500 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):	01/01/2006
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

# Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

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C(UL) Flame Test: FT6

## Suitability

Suitability - Indoor: Yes

## Plenum/Non-Plenum

Plenum (Y/N): Yes

Non-Plenum Number: 9269

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

93

### Nom. Inductance:

Inductance (µH/ft)

0.107

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

12.8

### Nominal Velocity of Propagation:

VP (%)

85

### Nominal Delay:

Delay (ns/ft)

1.20

### 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
82269 8771000	1,000 FT	30.000 LB	NATURAL	C	#22 COAX RG62A/U FLMRST

### Notes:

C = CRATE REEL PUT-UP.

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