

8254 Coax - 93 Ohm

For more Information  
please call

1-800-Belden1

**General Description:**

93 ohm RG-62/U type, JAN-C-17A, 22 AWG solid .025" bare copper-covered steel conductor, semi-solid polyethylene insulation, BC braid shield (95% coverage), PVC 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 Material	Wall Thickness (in.)	Dia. (in.)
Semi-Solid PE - Semi-Solid Polyethylene	0.026	0.146

**Outer Shield**

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.031

**Overall Cable**

Overall Nominal Diameter: 0.238 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -40°C To +80°C

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 33 lbs/1000 ft.

Max. Recommended Pulling Tension: 88 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

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): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

# Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

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CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Military Specification:	JAN-C-17A RG-62/U
RG Type:	62/U

## Plenum/Non-Plenum

Plenum Number:	N
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## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

93

### Nom. Inductance:

Inductance (μH/ft)

0.116

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

13.5

### Nominal Velocity of Propagation:

VP (%)

84

### 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)

2.9

### 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 - Non-UL:

Voltage

750 V RMS

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8254 010U1000	1,000 FT	35.000 LB	BLACK		RG-62/U JAN-C-17A COAX
8254 010I1000	1,000 FT	36.000 LB	BLACK		RG-62/U JAN-C-17A COAX
8254 010I500	500 FT	18.000 LB	BLACK	C	RG-62/U JAN-C-17A COAX
8254 010I5000	5,000 FT	185.000 LB	BLACK		RG-62/U JAN-C-17A COAX

### Notes:

C = CRATE REEL PUT-UP.

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