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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

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

Military Specification: JAN-C-17A RG-62/U

RG Type: 62/U

### Plenum/Non-Plenum

Plenum Number: N

## 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 0101000	1,000 FT	36.000 LB	BLACK		RG-62/U JAN-C-17A COAX
8254 010500	500 FT	18.000 LB	BLACK	C	RG-62/U JAN-C-17A COAX
8254 0105000	5,000 FT	185.000 LB	BLACK		RG-62/U JAN-C-17A COAX

**Notes:**

C = CRATE REEL PUT-UP.

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