

8262 Coax - 50 Ohm Coax

 For more Information  
 please call

1-800-Belden1

**Description:**

20 AWG stranded (19x33) .035" tinned copper conductor, polyethylene insulation, tinned copper braid shield (95% coverage), non-contaminating PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	20	19x33	TC - Tinned Copper	.035

Total Number of Conductors: 1

**Insulation****Insulation Material:**

Insulation Material	Dia. (in.)
PE - Polyethylene	.115

**Outer Shield****Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	95

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material
PVCNC - Polyvinyl Chloride Non-Contaminating

**Overall Cable**

Overall Nominal Diameter: 0.195 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -40°C To +85°C

UL Temperature Rating: 85°C

Bulk Cable Weight: 24 lbs/1000 ft.

Max. Recommended Pulling Tension: 42 lbs.

Min. Bend Radius/Minor Axis: 2 in.

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

EU CE Mark: Yes

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 &amp; Cable): Yes

# Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

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MIL Order #39 (China RoHS):	Yes
Military Specification:	MIL-C-17, M17/155-00001
RG Type:	58C/U

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)
50

### Nom. Inductance:

Inductance (µH/ft)
.077

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
30.8

### Nominal Velocity of Propagation:

VP (%)
66

### Nominal Delay:

Delay (ns/ft)
1.54

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.8

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.1

### Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.4
10	1.4
50	3.3
100	4.9
200	7.3
400	11.5
700	17.0
900	20.0
1000	21.5

### Max. Operating Voltage - Non-UL:

Voltage
1400 V RMS

## Notes (Overall)

Notes: Non-SWR swept version of RG-58.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8262 010U1000	1,000 FT	26.000 LB	BLACK		M17/155-00001 COAX
8262 010U500	500 FT	13.500 LB	BLACK		M17/155-00001 COAX
8262 010I1000	1,000 FT	27.000 LB	BLACK	C	M17/155-00001 COAX
8262 010500	500 FT	14.000 LB	BLACK	C	M17/155-00001 COAX

**Notes:**

C = CRATE REEL PUT-UP.

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