

9862 Coax - 93 Ohm Coax

 For more Information  
 please call

1-800-Belden1

**Description:**

93 ohm, 22 AWG solid .025" bare copper-covered steel conductor, semi-solid Polyethylene insulation, bare copper braid shield (95% coverage), non-contaminating PVC jacket.

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

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	22	Solid	BCCS - Bare Copper Covered Steel	.025

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

Insulation Material	Dia. (in.)
Semi-Solid PE - Semi-Solid Polyethylene	.146

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

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

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

Outer Jacket Material
PVCNC - Polyvinyl Chloride Non-Contaminating

**Overall Cable**
**Overall Nominal Diameter:** 0.242 in.
**Mechanical Characteristics (Overall)**
**Operating Temperature Range:** -40°C To +80°C

**Non-UL Temperature Rating:** 60°C

**Bulk Cable Weight:** 33 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 84 lbs.

**Min. Bend Radius (Install)/Minor Axis:** 2.500 in.
**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

<b>NEC/(UL) Specification:</b>	CMX
<b>CEC/C(UL) Specification:</b>	CMX
<b>AWM Specification:</b>	UL Style 1354 (30 V 60°C)
<b>EU CE Mark:</b>	No
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	10/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes

EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Military Specification:	MIL-C-17G, M17/30-RG62
RG Type:	62A/U

**Flame Test**

UL Flame Test:	VW-1
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)****Nom. Characteristic Impedance:**

Impedance (Ohm)
93

**Nom. Inductance:**

Inductance (μH/ft)
.116

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)
13.5

**Nominal Velocity of Propagation:**

VP (%)
84

**Nominal Delay:**

Delay (ns/ft)
.2

**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	.3
10	.9
50	1.9
100	2.7
200	3.8
400	5.3
700	7.3
900	8.2
1000	8.7

**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9862 0101000	1,000 FT	37.000 LB	BLACK		RG062 MIL-DTL-17H COAX

Revision Number: 1    Revision Date: 05-14-2007

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