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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

NEC/(UL) Specification: CMX

CEC/C(UL) Specification: CMX

AWM Specification: UL Style 1354 (30 V 60°C)

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): 10/01/2005

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
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

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