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1-800-Belden1



## Description:

125 ohm, 22 AWG solid .025" bare copper-covered steel conductor, semi-solid polyethylene insulation, bare copper braid shield (97% 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	.285

### Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	97

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVCNC - Polyvinyl Chloride Non-Contaminating

### Overall Cable

Overall Nominal Diameter: 0.405 in.

## Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 78 lbs/1000 ft.

Max. Recommended Pulling Tension: 149 lbs.

Min. Bend Radius (Install)/Minor Axis: 6 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMH

CEC/C(UL) Specification: CMH FT1

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:	M17/31-RG63
RG Type:	63/U

### Plenum/Non-Plenum

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

### Nom. Characteristic Impedance:

Impedance (Ohm)

125

### Nom. Inductance:

Inductance (µH/ft)

.2

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

9.7

### Nominal Velocity of Propagation:

VP (%)

84

### Nominal Delay:

Delay (ns/ft)

1.21

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

41.2

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.2

### Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100 ft.)

1	.2
10	.5
50	1.1
100	1.5
200	2.3
400	3.4
700	4.6
900	5.5
1000	5.8

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9857 0101000	1,000 FT	94.000 LB	BLACK	C	M17/31-RG63 COAX

### Notes:

C = CRATE REEL PUT-UP.

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