

## 8700 Coax - Miniature

For more Information  
please call

1-800-Belden1



### Description:

Miniature, 28 AWG solid .013" tinned copper conductor, polypropylene insulation, bare copper braid shield (90% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	28	Solid	TC - Tinned Copper	.013

#### Insulation

##### Insulation Material:

Insulation Material	Dia. (in.)
PP - Polypropylene	.023

#### Outer Shield

##### Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	90

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

#### Overall Cable

Overall Nominal Diameter: 0.054 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

Non-UL Temperature Rating: 105°C

Bulk Cable Weight: 3 lbs/1000 ft.

Max. Recommended Pulling Tension: 7 lbs.

Min. Bend Radius (Install)/Minor Axis: 0.600 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): 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

MII Order #39 (China RoHS): Yes

### Flame Test

UL Flame Test: UL1685 UL Loading

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

32

### Nom. Inductance:

Inductance (µH/ft)

.049

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

55.2

### Nominal Velocity of Propagation:

VP (%)

66

### Nominal Delay:

Delay (ns/ft)

1.54

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

66.9

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

28.7

### Nom. Attenuation:

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

1	2.5
10	7.7
50	17.2
100	24.5
200	34.8
400	50.0
700	66.0
900	75.0
1000	79.0

### Max. Operating Voltage - UL:

Voltage

300 V RMS

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8700 010250	250 FT	0.750 LB	BLACK		32 OHM MINIATURE COAX

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