

**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
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MII Order #39 (China RoHS):	Yes
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**Flame Test**

UL Flame Test:	UL1685 UL Loading
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**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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