

8261 Coax - 75 Ohm Coax

For more Information  
please call

1-800-Belden1



## Description:

18 AWG stranded (7x26) .048" tinned copper conductor, polyethylene insulation, bare copper braid shield (97% coverage), PVC jacket.

## Physical Characteristics (Overall)

### Conductor

#### AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	7x26	TC - Tinned Copper	.048

### Insulation

#### Insulation Material:

Insulation Material	Dia. (in.)
PE - 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 +60°C

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 95 lbs/1000 ft.

Max. Recommended Pulling Tension: 143 lbs.

Min. Bend Radius (Install)/Minor Axis: 4.500 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

CEC/C(UL) Specification: CXC

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
RG Type:	11A/U

### Flame Test

UL Flame Test:	VW-1
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### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

### Plenum/Non-Plenum

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

### Nom. Characteristic Impedance:

Impedance (Ohm)
75

### Nom. Inductance:

Inductance (µH/ft)
.114

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
20.5

### Nominal Velocity of Propagation:

VP (%)
66

### Nominal Delay:

Delay (ns/ft)
1.54

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.1

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.2

### Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.2
10	.7
50	1.3
100	2.0
200	2.9
400	4.2
700	5.8
900	6.8
1000	7.1

### Max. Operating Voltage - UL:

Voltage
3700 V RMS

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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8261 0101000	1,000 FT	104.000 LB	BLACK	C	RG-11A/U MIL-C-17D COAX
8261 010500	500 FT	52.500 LB	BLACK	C	RG-11A/U MIL-C-17D COAX

**Notes:**

C = CRATE REEL PUT-UP.

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