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1-800-Belden1



## Description:

75 ohm, dual RG-59/U type, 23AWG solid .023" bare copper-covered steel conductors, polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

## Physical Characteristics (Overall)

### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
2	23	Solid	BCCS - Bare Copper Covered Steel	.023

### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PE - Polyethylene	.146

### Inner Shield

Inner Shield Material:

Type	Inner Shield Material	Coverage (%)
Braid	BC - Bare Copper	95

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

### Overall Cable

Overall Nominal Diameter: 0.238 x 0.478 in.

## Mechanical Characteristics (Overall)

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

UL Temperature Rating: 80°C

Bulk Cable Weight: 75 lbs/1000 ft.

Max. Recommended Pulling Tension: 156 lbs.

Min. Bend Radius (Each Coax): 2.500 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CM

CEC/C(UL) Specification: CM

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): 10/13/2005

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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RG Type:	59/U
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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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Plenum Number:	89555
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## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

75

### Nom. Inductance:

Inductance (µH/ft)

0.112

### 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)

50.0

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.6

### Nom. Attenuation:

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

1	0.6
10	1.1
50	2.4
100	3.4
200	4.9
400	7.0
700	9.7
900	11.1
1000	12.0

### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Max. Operating Voltage - Non-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
9555 0101000	1,000 FT	78.000 LB	BLACK	C	2 CONDR PARALLEL COAX
9555 0102000	2,000 FT	150.000 LB	BLACK	C	2 CONDR PARALLEL COAX
9555 010500	500 FT	38.500 LB	BLACK	C	2 CONDR PARALLEL COAX

**Notes:**

C = CRATE REEL PUT-UP.

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