

9555 Coax - 75 Ohm Coax

For more Information
please call

1-800-Belden1

**General 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

Total Number of Conductors: 2

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PE - Polyethylene	0.062	0.146

Inner Shield**Inner Shield Material:**

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

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.032

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: 71 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 Directive 2011/65/EU (ROHS II): Yes

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
MIL Order #39 (China RoHS):	Yes
Other Specification:	UL Style AWM 20063
RG Type:	59/U

Flame Test

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

Plenum (Y/N):	No
Plenum Number:	89555

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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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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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