

HC2650R Coax - Bundled RGB Coaxial Cable



For more Information
please call

1-800-Belden1

**General Description:**

25 AWG solid tinned copper conductors, foam polyethylene insulation, Duofoil®(100% coverage) plus a tinned copper braid shield (95% coverage), inner PVC jacket, outer PVC jacket with ripcord.

Physical Characteristics (Overall)**Conductor**

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
5	25	Solid	TC - Tinned Copper	.0179

Total Number of Conductors: 5

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	0.074

Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
1	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	TC - Tinned Copper	95

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.114

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 0.382 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

Max. Recommended Pulling Tension: 130 lbs.

Min. Bend Radius (Each Coax): 1.250 in.

Min. Bend Radius (Overall): 4 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMR

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

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

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Flame Test

UL Flame Test:

UL1666 Riser

Suitability

Suitability - Indoor:

Yes

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

75

Nom. Inductance:

Inductance (µH/ft)

.087

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

17.0

Nominal Velocity of Propagation:

VP (%)

80

Nominal Delay:

Delay (ns/ft)

1.24

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

34

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.4

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.52
5	1.17
50	3.70
100	4.90
200	6.70
400	9.50
750	13.40
900	15.00
1000	15.80
3000	31.20

Max. Operating Voltage - UL:

Voltage

300 V RMS

Minimum Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		5	850	20

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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