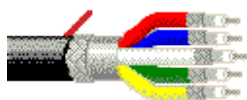


## HC2650R Coax - Bundled RGB Coaxial Cable



For more Information  
please call

1-800-Belden1

**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

**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 2000/53/EC (ELV):** Yes

**EU Directive 2002/95/EC (RoHS):** Yes

## HC2650R Coax - Bundled RGB Coaxial Cable

EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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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:	UL1666 Riser
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**Suitability**

Suitability - Indoor:	Yes
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**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

**Related Documents:**

## HC2650R Coax - Bundled RGB Coaxial Cable

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
HC2650R B59250	250 FT	21.250 LB	BLACK, MATTE	C	5#25LDPE/GIFHDLDP SH FRPVC PVC
HC2650R B59500	500 FT	39.500 LB	BLACK, MATTE	C	5#25LDPE/GIFHDLDP SH FRPVC PVC

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 2    Revision Date: 06-10-2008

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