

9254 Composite - Cables for TV Cameras and CCTV



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 Customer Service
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For more Information
 please call

1-800-Belden1

**Description:**

2 coax, 11 cond bare copper covered steel and TC, foam polyethylene and PVC insulation, overall TC braid shield (85% coverage), PVC jacket.

Coax**Physical Characteristics****Conductor****AWG:**

# Coax	AWG	Stranding	Conductor Material
2	26	7x34	BCCS - Bare Copper Covered Steel

Insulation**Insulation Material:**

Insulation Material	Dia. (in.)
FHDPE - Foam High Density Polyethylene	0.088

Inner Shield**Inner Shield Material:**

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

Inner Jacket**Inner Jacket Material:**

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	0.142

Inner Jacket Color Code Chart:

Number	Color
1	Black with Red Stripe
2	Black with White Stripe

Applicable Specifications and Agency Compliance
Applicable Standards & Environmental Programs

EU CE Mark: No

Electrical Characteristics**Nom. Characteristic Impedance:**

Impedance (Ohm)
75

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
17.300

Nominal Velocity of Propagation:

VP (%)
78.000

Nominal Delay:

Delay (ns/ft)
1.300

Nom. Conductor DC Resistance:

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DCR @ 20°C (Ohm/1000 ft)

90.000

Nom. Inner Shield DC Resistance:**DCR @ 20°C (Ohm/1000 ft)**

6.600

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.600
5.000	0.800
1.000	1.200
5.000	1.700
10.000	2.000

Max. Operating Voltage - UL: 150 V RMS**Max. Operating Voltage - Non-UL:** 300 V RMS**Twisted Pair****Physical Characteristics****Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
1	20	10x30	TC - Tinned Copper
2	22	7x30	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material
PVC - Polyvinyl Chloride

Inner Shield**Inner Shield Material:**

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)	Description
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100	One 22 AWG Pair

Inner Shield Drain Wire AWG:

AWG	Conductor Material
22	TC - Tinned Copper

Inner Jacket**Inner Jacket Color Code Chart:**

Number	Color	Description
1	Red and Black	22 AWG Unshielded
2	Red and Natural	22 AWG Shielded
3	Black and Natural	20 AWG Unshielded with Mylar Separator

Multi Conductor**Physical Characteristics****Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
5	22	7x30	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	0.062

Insulation Color Code Chart:

Number	Color
1	Green
2	Brown

3	Red
4	Yellow
5	Blue

Physical Characteristics (Overall)**Conductor****Outer Shield****Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	85.000

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.550 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +60°C

Bulk Cable Weight: 162 lbs/1000 ft.

Max. Recommended Pulling Tension: 270 lbs.

Min. Bend Radius (Install)/Minor Axis: 6 in.

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

NEC/(UL) Specification:	CL2X
AWM Specification:	UL Style 2497
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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

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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