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1-800-BELDEN1

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1-800-Belden1



Description:

28 conductor (3 coaxes, 25 cond), polyethylene (coax) and PVC (cond) insulation, (3) coax: TC braid + cotton braid shield (95% coverage), (7) cond beldfoil + PE tape shield, overall TPE jacket.

Coax

Physical Characteristics

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
3	25	7x33	BCCS - Bare Copper Covered Steel	0.021

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PE - Polyethylene	0.121

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	95.000

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
Cotton

Outer Jacket Diameter:

Nom. Dia. (in.)
0.178

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)
21.500

Nominal Velocity of Propagation:

VP (%)
66.000

Nominal Delay:

Delay (ns/ft)
1.540

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
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1.000	0.600
5.000	2.720
10.000	2.960
50.000	3.850
100.000	5.100

Multi Conductor

Physical Characteristics

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
21	22	7x30	TC - Tinned Copper
4	18	16x30	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material
PVC - Polyvinyl Chloride

Inner Shield

Inner Shield Material (Multi-AWG):

AWG	Inner Shield Trade Name	Type	Inner Shield Material	% Coverage (%)	Description
22	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100	Single group of 7c22
18	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100	Single group of 4c18

Physical Characteristics (Overall)

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
TPE - Thermoplastic Elastomer

Overall Cable

Overall Nominal Diameter: 0.730 in.

Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 80°C

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2000/53/EC (ELV): Yes

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

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2005

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:

8286 Composite - Cables for TV Cameras and CCTV

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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