



For more Information
please call

1-800-Belden1



Description:

Coax: 18 AWG solid bare copper conductor, foam polyethylene insulation, bare copper braid shield (95% coverage), LSZH jacket. Pair: 18 AWG stranded bare copper conductor, polypropylene insulation, LSZH jacket. Coax and pair in Siamese configuration.

Usage (Overall)

Suitable Applications:

Security Composite Communications Cable for CCTV plus Audio or PTZ (Pan/Tilt/Zoom) CCTV Control Applications in Marine Shipboard and Offshore use

Coax

Physical Characteristics

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	Solid	BC - Bare Copper	0.040

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	0.180

Inner Shield

Inner Shield Material:

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

Applicable Specifications and Agency Compliance

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Sunlight Resistance: Yes

Electrical Characteristics

Nom. Characteristic Impedance:

Impedance (Ohm)
75

Nom. Inductance:

Inductance (μH/ft)
0.097

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
16.300

Nominal Velocity of Propagation:

VP (%)
83.000

Nominal Delay:

Delay (ns/ft)

1.220

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.400

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
3.100

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.200
5.000	0.450
10.000	0.640
50.000	1.460
100.000	2.100
200.000	3.000
400.000	4.300
700.000	5.800
900.000	6.700
1000.000	7.100

Max. Operating Voltage - UL: 300 V RMS

Twisted Pair

Physical Characteristics

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	7x26	BC - Bare Copper	0.046

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PP - Polypropylene	0.059

Twisted Pair Color Code Chart:

Number	Color
1	Black and Red

Applicable Specifications and Agency Compliance

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Sunlight Resistance: Yes

Electrical Characteristics

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
24.000

Physical Characteristics (Overall)

Conductor

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material

LSZH - Low Smoke Zero Halogen

Overall Cable

Overall Nominal Diameter: 0.275 x 0.514 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +75°C

Bulk Cable Weight: 66.700 lbs/1000 ft.

Max. Recommended Pulling Tension: 114.000 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.750 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG-LS

NEC Articles: 800

CEC/C(UL) Specification: CMG-LS

IEEE Specification: Std. 45 Clause 23

EU CE Mark: Yes

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

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

EU RoHS Compliance Date (mm/dd/yyyy): 08/01/2005

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

Other Specification: UL444, ABS Type Approval Certificate 05-HS500072D

RG Type: 6/U

Flame Test

UL Flame Test: UL1685 FT4 Loading, Limited Smoke

C(UL) Flame Test: FT4, Limited Smoke

IEC Flame Test: 60332-1, 60332-3-22 (Category A)

IEEE Flame Test: 1202

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage

300 V RMS

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1306SB 0101000	1,000 FT	76.000 LB	BLACK	C	1 #18 PR, 1 RG-6/U COAX
1306SB 010500	500 FT	37.000 LB	BLACK	C	1 #18 PR, 1 RG-6/U COAX

Notes:

C = CRATE REEL PUT-UP.

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