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1-800-Belden1



Description:

11 AWG stranded (7x19) .108" bare copper conductor, foam polyethylene insulation, double bare copper braid shield (96% coverage) polyethylene jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Coax | AWG | Stranding | Conductor Material | Dia. (mm) |
|--------|-----|-----------|--------------------|-----------|
| 1 | 11 | 7x19 | BC - Bare Copper | 2.7432 |

Total Number of Conductors: 1

Insulation

Insulation Material:

| Insulation Material | Dia. (mm) |
|-------------------------|-----------|
| FPE - Foam Polyethylene | 7.239 |

Inner Shield

Inner Shield Material:

| Type | Inner Shield Material | Coverage (%) |
|-------|-----------------------|--------------|
| Braid | BC - Bare Copper | 96 |

Inner Jacket

Inner Jacket Material:

| Inner Jacket Material | Nom. Dia. (mm) |
|-----------------------|----------------|
| PE - Polyethylene | 9.398 |

Outer Shield

Outer Shield Material:

| Type | Outer Shield Material | Coverage (%) |
|-------|-----------------------|--------------|
| Braid | BC - Bare Copper | 96 |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material |
|-----------------------|
| PE - Polyethylene |

Overall Cable

Overall Nominal Diameter: 12.192 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -55°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 193.466 Kg/Km

Max. Recommended Pulling Tension: 1450.110 N

Min. Bend Radius/Minor Axis: 127 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark: No

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

RG Type: 8/U

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

50

Nom. Inductance:

Inductance (µH/m)

0.213265

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

85.306

Nominal Velocity of Propagation:

VP (%)

78

Nominal Delay:

Delay (ns/m)

4.2653

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

3.9372

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/km)

3.9372

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

6.8901

Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100m)

1.000 0.328

10.000 1.641

50.000 3.937

100.000 5.906

200.000 8.859

400.000 13.780

700.000 19.030

900.000 21.983

1000.000 23.295

Max. Operating Voltage - Non-UL:

Voltage

300 V RMS (Between shield)

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|--------|-------------|-------|-------|--------------|
| 9888 0101000 | 305 MT | 62.142 KG | BLACK | C | 50 OHM TRIAX |
| 9888 010500 | 152 MT | 32.886 KG | BLACK | C | 50 OHM TRIAX |

Notes:

C = CRATE REEL PUT-UP.

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