

8417 Coax - Audio Connecting Cable

For more Information
please call

1-800-Belden1



Description:

25 AWG stranded (7x33) conductor, FPE insulation, (3) TC, (4) TCCS, FPE insulation, double Beldfoil® shield (100% coverage), 26 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Coax | AWG | Stranding | Conductor Material | Dia. (in.) |
|--------|-----|-----------|--|------------|
| 1 | 25 | 7x33 | TC/TCCS -Tinned Copper/Tinned Copper Covered Steel | .021 |

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) | Dia. (in.) |
|-------------------------|----------------------|---------------|
| FPE - Foam Polyethylene | .020 | .061 +/- .002 |

Outer Shield

Outer Shield Material:

| Layer # | Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) | Dia. (in.) |
|---------|-------------------------|------|------------------------------|--------------|------------|
| 1 | Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100 | .088 |
| 2 | Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100 | |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 26 | 7x34 | TC - Tinned Copper |

Outer Shield Separator Material: Paper Tape

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .026 |

Overall Cable

Overall Nominal Diameter: 0.140 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 9 lbs/1000 ft.

Max. Recommended Pulling Tension: 9.500 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.800 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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): 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 |
|------------------------------------|-----|

Plenum/Non-Plenum

| | |
|----------------------|----|
| Plenum (Y/N): | No |
|----------------------|----|

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

48

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

29

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

45.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

20.2

Max. Operating Voltage - Non-UL:

Voltage

100 V RMS

Max. Recommended Current:

Current

1.5 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-------------|--------|-------------|-------|-------|----------------|
| 8417 060250 | 250 FT | 3.000 LB | GRAY | | 1#25 PE FS PVC |

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