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1-800-Belden1



General Description:

Riser-CM, 2-20 AWG solid bare copper pairs with PVC insulation, Beldfoil® shield and PVC jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 2 | 20 | Solid | BC - Bare Copper |

Total Number of Conductors: 4

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | 0.010 |

Outer Shield

Outer Shield Material:

| Outer Shield Trade Name | Outer Shield Material |
|-------------------------|------------------------------|
| Beldfoil® | Aluminum Foil-Polyester Tape |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 24 | 7x32 | TC - Tinned Copper |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | 0.020 |

Overall Cable

Overall Nominal Diameter: 0.231 in.

Pair

Pair Color Code Chart:

| Number | Color |
|--------|---------------|
| 1 | Red & Red |
| 2 | Black & Black |

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

Bulk Cable Weight: 26 lbs/1000 ft.

Max. Recommended Pulling Tension: 32.600 lbs.

Min. Bend Radius/Minor Axis: 2.300 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CM

EU Directive 2011/65/EU (ROHS II): Yes

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): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

2152AE Multi-Conductor - Commercial Applications

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: UL1685 Vertical Tray Flame Test

Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 2152PE

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

61.200

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

34.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.3

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.5

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.6 Amps per conductor @ 25°C

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|-------|-------|---------------------|
| 2152AE 0021000 | 1,000 FT | 28.000 LB | RED | | 2 PR #20 PVC FS PVC |

Revision Number: 0 Revision Date: 03-14-2014

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