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1-800-Belden1



General Description:

CM, 2-22 AWG solid bare copper pairs with PVC insulation and PVC jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
2	22	Solid	BC - Bare Copper

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.508

Overall Cable

Overall Nominal Diameter: 5.232 mm

Pair

Pair Color Code Chart:

Number	Color
1	Red & Black
2	Green & White w/ Green Stripe

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 26.788 Kg/Km

Max. Recommended Pulling Tension: 90.743 N

Min. Bend Radius/Minor Axis: 53.340 mm

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

2155AE 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: 2155PE

Surface Printing (Overall)

Surface Printing: BELDEN 2155AE E108998(-PLANT ID) 22AWG 2PR TYPE CM (UL) (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FT

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

78.744

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

49.215

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.2 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
2155AE 0021000	1,000 FT	21.000 LB	RED		2 PR #22 PVC PVC
2155AE 0061000	1,000 FT	21.000 LB	BLUE, LIGHT		2 PR #22 PVC PVC
2155AE 0091000	1,000 FT	21.000 LB	WHITE		2 PR #22 PVC PVC

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