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1-800-Belden1



General Description:

CM, 1-22 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
1	22	Solid	BC - Bare Copper

Total Number of Conductors: 2

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: 0.136 in.

Pair

Pair Color Code Chart:

Number	Color
1	Blue & Yellow

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 11 lbs/1000 ft.

Max. Recommended Pulling Tension: 10.200 lbs.

Min. Bend Radius/Minor Axis: 1.400 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

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: 2153PE

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

82.000

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

44.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15.000

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

11.900

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.4 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
2153AE 0091000	1,000 FT	12.000 LB	WHITE		1 PR #22 PVC FS PVC

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