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please call

1-800-Belden1



General Description:

CMP, FPLP, 3-20 AWG solid bare copper pairs with Flamarrest® PVC insulation, Beldfoil® shield and PVC jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
3	20	Solid	BC - Bare Copper

Total Number of Conductors: 6

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
Flamarrest® PVC	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.)
Flamarrest® PVC	0.015

Overall Cable

Overall Nominal Diameter: 0.235 in.

Pair

Pair Color Code Chart:

Number	Color
1	Red & Red
2	Black & Black
3	Blue & Yellow

Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

Bulk Cable Weight: 22 lbs/1000 ft.

Max. Recommended Pulling Tension: 49 lbs.

Min. Bend Radius/Minor Axis: 2.400 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP, FPLP

CEC/C(UL) Specification: CMP

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

2154PE Multi-Conductor - Commercial Applications

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:	UL910 Steiner Tunnel
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
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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)
10.300

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
2154PE 0081000	1,000 FT	36.000 LB	GRAY		3 PR #20 FLRST FS FLRST

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