



For more Information
please call

1-800-Belden1



General Description:

CMP, FPLP, 1-22 AWG solid bare copper pair with Flamarrest® PVC insulation, Beldfoil® shield and Flamearrest® 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 (mm)
Flamarrest® PVC	0.254

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 (mm)
Flamarrest® PVC	0.381

Overall Cable

Overall Nominal Diameter: 3.200 mm

Pair

Pair Color Code Chart:

Number	Color
1	Blue & Yellow

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 16.370 Kg/Km

Max. Recommended Pulling Tension: 45.372 N

Min. Bend Radius/Minor Axis: 33.020 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP, FPLP

CEC/C(UL) Specification: CMP

2153PE Multi-Conductor - Commercial Applications

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:	UL910 Steiner Tunnel
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Surface Printing (Overall)

Surface Printing:	BELDEN 2153PE E64959 (-PLANT ID) 22AWG 1PR SHIELDED (UL) TYPE FPLP OR CMP C (UL) (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FT
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Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
269.042

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
144.364

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
49.215

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
39.044

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
2153PE 0091000	1,000 FT	12.000 LB	WHITE		1 PR #22 FLRST FS FLRST

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

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2153PE Multi-Conductor - Commercial Applications

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