

2152PE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1

**General Description:**

CMP, FPLP, 2-20 AWG solid bare copper pairs with Flamarrest® PVC insulation, Beldfoil® shield and Flamearrest® 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.)
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:

0.221 in.

Pair

Pair Color Code Chart:

Number	Color
1	Red & Red
2	Black & Black

Mechanical Characteristics (Overall)

Operating Temperature Range:	0°C To +75°C
Bulk Cable Weight:	17 lbs/1000 ft.
Max. Recommended Pulling Tension:	32.600 lbs.
Min. Bend Radius/Minor Axis:	2.200 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMP, FPLP
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

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

MIL Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: UL910 Steiner Tunnel

Plenum/Non-Plenum

Plenum (Y/N): Yes

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
2152PE 0021000	1,000 FT	27.000 LB	RED		2 PR #20 FLRST FS FLRST

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