



For more Information
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 (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: 5.969 mm

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:	32.740 Kg/Km
Max. Recommended Pulling Tension:	217.962 N
Min. Bend Radius/Minor Axis:	60.960 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP, FPLP

2154PE Multi-Conductor - Commercial Applications

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
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 2154PE E64959(-PLANT ID) 20AWG 3PR 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)
200.797

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
111.554

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
33.794

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
34.4505

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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2154PE Multi-Conductor - Commercial Applications

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