

5120FL Multi-Conductor - Commercial Applications - 2 Conductors Cabled

For more Information
please call

1-800-Belden1



Description:

14 AWG bare copper conductors, PP insulation, conductors cabled together, Beldfoil® shield and drain wire, PVC jacket with ripcord, sequential footage marking every two feet.

Usage (Overall)

Suitable Applications:

Fire Protection, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	14	Solid	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.254

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Outer Shield Material	Coverage (%)
Beldfoil®	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	Solid	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

Outer Jacket Ripcord:

Yes

Overall Cabling

Overall Cabling Lay Length & Direction:

Length (mm)	Twists (m.)
63.49975	1.46304

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter:

5.309 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +75°C

UL Temperature Rating:

75°C

Bulk Cable Weight:

59.528 Kg/Km

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Max. Recommended Pulling Tension:	502.647 N
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Min. Bend Radius (Install)/Minor Axis:	50.800 mm
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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	FPLR
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NEC Articles:	760
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Other Specification:	California State Fire Marshall
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Flame Test

UL Flame Test:	UL1666 Vertical Shaft
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CSA Flame Test:	FT4
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Plenum Number:	6120FL
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance ($\mu\text{H}/\text{m}$)

0.49215

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

196.860

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

354.348

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

7.97283

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

36.747

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

8 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5120FL D151000	305 MT	16.783 KG	BLUE		2 #14 PP FS FRPVC
5120FL 0021000	305 MT	16.783 KG	RED	C	2 #14 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

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Как с нами связаться

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