

## 5120UL 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, PVC jacket with ripcord, sequential footage marking every two feet.

### Usage (Overall)

**Suitable Applications:**

Fire Protections, 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

**Total Number of Conductors:**

2

#### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.010

#### Outer Shield

**Outer Shield Material:**

Outer Shield Material
Unshielded

#### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

**Outer Jacket Ripcord:**

Yes

#### Overall Cable

**Overall Cabling Lay Length & Direction:**

Length (in.)	Twists (twist/ft)
3.25	3.7

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:**

0.205 in.

### Mechanical Characteristics (Overall)

**Operating Temperature Range:**

-20°C To +75°C

**UL Temperature Rating:**

75°C

**Bulk Cable Weight:**

36 lbs/1000 ft.

**Max. Recommended Pulling Tension:**

99.400 lbs.

## 5120UL Multi-Conductor - Commercial Applications - 2 Conductors Cabled

Min. Bend Radius/Minor Axis: 2 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	FPLR
NEC Articles:	760
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
Other Specification:	California State Fire Marshall

#### Flame Test

UL Flame Test:	UL1666 Vertical Shaft
CSA Flame Test:	FT4

#### Plenum/Non-Plenum

Plenum Number:	6120UL
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### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

#### Max. Operating Voltage - UL:

Voltage

#### Max. Recommended Current:

Current

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5120UL D151000	1,000 FT	34.000 LB	BLUE	C	2 #14 PP FRPVC
5120UL 0021000	1,000 FT	34.000 LB	RED	C	2 #14 PP FRPVC
5120UL 002500	500 FT	17.500 LB	RED	C	2 #14 PP FRPVC
5120UL 0041000	1,000 FT	34.000 LB	YELLOW		2 #14 PP FRPVC
5120UL 0101000	1,000 FT	34.000 LB	BLACK		2 #14 PP FRPVC

Notes:  
 C = CRATE REEL PUT-UP.

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