

6320UL Multi-Conductor - Commercial Applications - 2 Conductors Cabled



For more Information
please call

1-800-Belden1



General Description:

Fire Alarm Cable, Plenum-FPLP, 2-18 AWG solid bare copper conductors with Flamarrest® insulation, Flamarrest®jacket with ripcord

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	18	Solid	BC - Bare Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.203

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.381

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Twists (twist/m)
69.849725	14.4364

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 3.658 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 23.811 Kg/Km

Max. Recommended Pulling Tension: 174.369 N

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Min. Bend Radius/Minor Axis: 38.100 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

Flame Test

UL Flame Test:	NFPA 262
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5320UL

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)
0.492

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
101.711

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
20.9984

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
5 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6320UL D15C500	152 MT	3.402 KG	BLUE		2 #18 FLRST FLRST
6320UL 002U1000	305 MT	7.711 KG	RED		2 #18 FLRST FLRST
6320UL 002U500	152 MT	4.082 KG	RED		2 #18 FLRST FLRST
6320UL 0021000	305 MT	7.711 KG	RED	C	2 #18 FLRST FLRST
6320UL 003U1000	305 MT	7.711 KG	ORANGE		2 #18 FLRST FLRST
6320UL 0031000	305 MT	7.711 KG	ORANGE		2 #18 FLRST FLRST
6320UL 004U1000	305 MT	7.711 KG	YELLOW		2 #18 FLRST FLRST
6320UL 005U1000	305 MT	7.711 KG	GREEN, DARK		2 #18 FLRST FLRST
6320UL 0051000	305 MT	7.711 KG	GREEN, DARK		2 #18 FLRST FLRST

METRIC MEASUREMENT VERSION

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6320UL 007C500	152 MT	3.402 KG	VIOLET		2 #18 FLRST FLRST
6320UL 007U1000	305 MT	7.711 KG	VIOLET		2 #18 FLRST FLRST
6320UL 009C500	152 MT	3.402 KG	WHITE		2 #18 FLRST FLRST
6320UL 009U1000	305 MT	7.711 KG	WHITE		2 #18 FLRST FLRST
6320UL 010C500	152 MT	3.402 KG	BLACK		2 #18 FLRST FLRST
6320UL 010U1000	305 MT	7.711 KG	BLACK		2 #18 FLRST FLRST
6320UL 0101000	305 MT	7.711 KG	BLACK		2 #18 FLRST FLRST
6320UL 012U1000	305 MT	7.711 KG	PINK		2 #18 FLRST FLRST

Notes:

C = CRATE REEL PUT-UP.

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