

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5320UL Multi-Conductor - Commercial Applications - 2 Conductors Cabled



For more Information
please call

1-800-Belden1



Description:

18 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	18	Solid	BC - Bare Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.007

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	4

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.143 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 15.900 lbs/1000 ft.

Max. Recommended Pulling Tension: 39.200 lbs.

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Min. Bend Radius/Minor Axis: 1,500 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 (Y/N): No

Plenum Number: 6320UL

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
.16

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
29

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.4

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
5320UL D15C500	500 FT	7.000 LB	BLUE		2 #18 PP FRPVC
5320UL D151000	1,000 FT	16.000 LB	BLUE	C	2 #18 PP FRPVC
5320UL 001U1000	1,000 FT	16.000 LB	BROWN		2 #18 PP FRPVC
5320UL 002U1000	1,000 FT	16.000 LB	RED		2 #18 PP FRPVC
5320UL 002U500	500 FT	8.500 LB	RED		2 #18 PP FRPVC
5320UL 0021000	1,000 FT	16.000 LB	RED	C	2 #18 PP FRPVC
5320UL 010U1000	1,000 FT	16.000 LB	BLACK		2 #18 PP FRPVC
5320UL 0101000	1,000 FT	16.000 LB	BLACK		2 #18 PP FRPVC

Notes:

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C = CRATE REEL PUT-UP.

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