

5220UL Multi-Conductor - Commercial Applications - 2 Conductors Cabled



For more Information
please call

1-800-Belden1



Description:

16 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	16	Solid	BC - Bare Copper

Total Number of Conductors:

2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.178

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

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

Outer Jacket Ripcord:

Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Twists (twist/m)
76.1997	13.124

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter:

4.216 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +75°C

UL Temperature Rating:

75°C

Bulk Cable Weight:

34.229 Kg/Km

Max. Recommended Pulling Tension:

277.568 N

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Min. Bend Radius/Minor Axis: 41.275 mm

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: 6220UL

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)

0.476

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

78.744

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

12.6319

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

6.3 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5220UL D151000	305 MT	10.433 KG	BLUE		2 #16 PP FRPVC
5220UL 0011000	305 MT	10.433 KG	BROWN		2 #16 PP FRPVC
5220UL 002U1000	305 MT	9.979 KG	RED		2 #16 PP FRPVC
5220UL 0021000	305 MT	10.433 KG	RED	C	2 #16 PP FRPVC
5220UL 002500	152 MT	5.216 KG	RED		2 #16 PP FRPVC
5220UL 0031000	305 MT	10.433 KG	ORANGE	C	2 #16 PP FRPVC
5220UL 0041000	305 MT	10.433 KG	YELLOW		2 #16 PP FRPVC
5220UL 009U1000	305 MT	9.979 KG	WHITE		2 #16 PP FRPVC
5220UL 0101000	305 MT	10.433 KG	BLACK		2 #16 PP FRPVC

Notes:

C = CRATE REEL PUT-UP.

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Revision Number: 3 Revision Date: 07-24-2009

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