

5220UJ Multi-Conductor - Commercial Applications, Addressable Systems - 2 Cond Cabled

For more Information
please call

1-800-Belden1



Description:

16 AWG bare copper conductors, foam high-density polyethylene insulation, cabled together, PVC jacket with ripcord, sequential footage marking every two feet.

Usage (Overall)

Suitable Applications: Addressable Fire Systems, Data Circuits, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	Solid	BC - Bare Copper

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Datalene®	FHDPE - Foam High Density Polyethylene	.015

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.033

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
2.5	4.8

Overall Cabling Color Code Chart:

Color
Black
Red

Overall Nominal Diameter: 0.230 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 28.600 lbs/1000 ft.

Max. Recommended Pulling Tension: 62.400 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.250 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	FPL
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):	01/01/2004
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

Flame Test

UL Flame Test:	UL1685 UL Loading
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Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6220UJ

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
.17

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
13

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
3.9

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
6.3 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5220UJ 0021000	1,000 FT	32.000 LB	RED	C	2 #16 FPE PVC

Notes:

C = CRATE REEL PUT-UP.

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