# **Detailed Specifications & Technical Data**

**ENGLISH MEASUREMENT VERSION** 



# 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)**

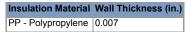
## Conductor

AWG:

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

#### Insulation

**Insulation Material:** 



### **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 (ft.)
3	4

### **Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

Overall Nominal Diameter:

0.166 in.

## **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	23 lbs/1000 ft.
Max. Recommended Pulling Tension:	62.400 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.625 in.

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# **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
me Test	
III Flama Taati	LIL 4CCC Vertical Chaft

#### Flai

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

### Plenum/Non-Plenum

Plenum Number: 6220UL

## **Electrical Characteristics (Overall)**

Nom. Inductance:

Inductance (µH/ft) 0.145

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 24.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

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
5220UL D151000	1,000 FT	23.000 LB	BLUE		2 #16 PP FRPVC
5220UL 0011000	1,000 FT	23.000 LB	BROWN		2 #16 PP FRPVC
5220UL 002U1000	1,000 FT	22.000 LB	RED		2 #16 PP FRPVC
5220UL 0021000	1,000 FT	23.000 LB	RED	С	2 #16 PP FRPVC
5220UL 002500	500 FT	11.500 LB	RED		2 #16 PP FRPVC
5220UL 0031000	1,000 FT	23.000 LB	ORANGE	С	2 #16 PP FRPVC
5220UL 0041000	1,000 FT	23.000 LB	YELLOW		2 #16 PP FRPVC
5220UL 009U1000	1,000 FT	22.000 LB	WHITE		2 #16 PP FRPVC



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

5220UL 0101000 1,000 FT 23.000 LB BLACK 2 #16 PP FRPVC

C = CRATE REEL PUT-UP.

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