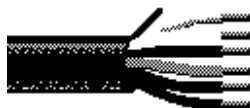


## 5324UL Multi-Conductor - Commercial Applications



For more Information  
please call

1-800-Belden1

**General Description:**

Fire Alarm Cable, Riser-FPLR, 6-18 AWG solid bare copper conductors with polyolefin insulation, PVC jacket with ripcord

**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
6	18	Solid	BC - Bare Copper

**Total Number of Conductors:**

6

**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)
82.550	12.140

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red
3	Brown
4	Blue
5	Orange
6	Yellow

**Overall Nominal Diameter:**

5.029 mm

**Mechanical Characteristics (Overall)****Operating Temperature Range:**

-20°C To +75°C

**UL Temperature Rating:**

75°C

## 5324UL Multi-Conductor - Commercial Applications

Bulk Cable Weight:	55.063 Kg/Km
Max. Recommended Pulling Tension:	523.108 N
Min. Bend Radius/Minor Axis:	50.800 mm

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	FPLR
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:	UL1666 Vertical Shaft
CSA Flame Test:	FT4

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6324UL

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
72.182

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
20.9984

## Max. Operating Voltage - UL:

Voltage
300 V RMS

## Max. Recommended Current:

Current
3.5 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5324UL 002U1000	1,000 FT	40.000 LB	RED		6 #18 PP FRPVC
5324UL 0021000	1,000 FT	41.000 LB	RED	C	6 #18 PP FRPVC

## Notes:

C = CRATE REEL PUT-UP.

## 5324UL Multi-Conductor - Commercial Applications

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