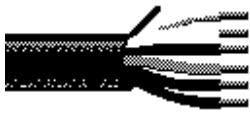


## 5324UL Multi-Conductor - Commercial Applications

For more Information  
please call

1-800-Belden1



### Description:

18 AWG bare copper conductors, PVC 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
6	18	Solid	BC - Bare Copper

#### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

#### Outer Shield

**Outer Shield Material:**

Outer Shield Material
Unshielded

#### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.015

**Outer Jacket Ripcord:**

Yes

#### Overall Cable

**Overall Cabling Lay Length & Direction:**

Length (in.)	Twists (ft.)
3.5	3.4

**Overall Cabling Color Code Chart:**

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

**Overall Nominal Diameter:**

0.211 in.

### Mechanical Characteristics (Overall)

**Operating Temperature Range:**

-20°C To +75°C

**UL Temperature Rating:**

75°C

**Bulk Cable Weight:**

40.600 lbs/1000 ft.

## 5324UL Multi-Conductor - Commercial Applications

<b>Max. Recommended Pulling Tension:</b>	117.600 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	2.100 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:** 6324UL

### Electrical Characteristics (Overall)

#### 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**

3.5 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
5324UL 002U1000	1,000 FT	39.000 LB	RED		6 #18 PP FRPVC
5324UL 0021000	1,000 FT	39.000 LB	RED	C	6 #18 PP FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

## 5324UL Multi-Conductor - Commercial Applications

Revision Number: 2    Revision Date: 07-24-2009

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