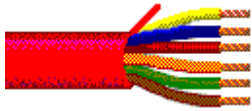


For more Information  
please call

1-800-Belden1



### General Description:

Fire Alarm Cable, Riser-FPLR, 6-22 AWG stranded 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	22	7x30	BC - Bare Copper

**Total Number of Conductors:** 6

#### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.203

#### 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)
63.500	15.7488

**Overall Cabling Color Code Chart:**

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

**Overall Nominal Diameter:** 4.267 mm

### Mechanical Characteristics (Overall)

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

**UL Temperature Rating:** 75°C

## 5504UL Multi-Conductor - Commercial Applications

<b>Bulk Cable Weight:</b>	26.788 Kg/Km
<b>Max. Recommended Pulling Tension:</b>	242.427 N
<b>Min. Bend Radius/Minor Axis:</b>	41.275 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	FPLR
<b>NEC Articles:</b>	760
<b>EU Directive 2011/65/EU (ROHS II):</b>	Yes
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	10/01/2009
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

#### Flame Test

<b>UL Flame Test:</b>	UL1666 Vertical Shaft
<b>CSA Flame Test:</b>	FT4

#### Plenum/Non-Plenum

<b>Plenum Number:</b>	6504UL
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### Surface Printing (Overall)

<b>Surface Printing:</b>	NEW GENERATION(R) BY BELDEN 5504UL FPLR 75C 6C22 (UL) E64959----FT4 (2 FT., 7 DIGIT SEQUENTIAL) FEET
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

<b>Capacitance (pF/m)</b>
55.777

#### Nom. Conductor DC Resistance:

<b>DCR @ 20°C (Ohm/km)</b>
53.1522

#### Max. Operating Voltage - UL:

<b>Voltage</b>
300 V RMS

#### Max. Recommended Current:

<b>Current</b>
3.5 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5504UL 002U1000	1,000 FT	21.000 LB	RED		6 #22 PO FRPVC

## 5504UL Multi-Conductor - Commercial Applications

Revision Number: 0    Revision Date: 03-13-2013

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).