



For more Information  
please call

1-800-Belden1



### General Description:

Fire Alarm Cable, Plenum-FPLP, 2-16 AWG stranded bare copper conductors with Flamarrest® insulation, Overall Beldfoil® shield, Flamarrest® 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
2	16	19x29	BC - Bare Copper

#### Total Number of Conductors:

2

#### Insulation

##### Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.229

#### Outer Shield

##### Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	100

##### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	(7x32)	TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.381

#### Outer Jacket Ripcord:

Yes

### Overall Cable

#### Overall Cabling Lay Length & Direction:

Length (mm)	Twists (twist/m)
57.150	17.3893

#### Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

#### Overall Nominal Diameter:

4.674 mm

### Mechanical Characteristics (Overall)

#### Operating Temperature Range:

0°C To +75°C

#### UL Temperature Rating:

75°C

## 6200FL Multi-Conductor - Commercial Audio Systems

Bulk Cable Weight:	38.693 Kg/Km
Max. Recommended Pulling Tension:	271.340 N
Min. Bend Radius/Minor Axis:	47.625 mm

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC(UL) Specification:	FPLP
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):	10/01/2009
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:	NFPA 262
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## Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5200FL

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
255.918

## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/m)
460.981

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
13.780

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
52.496

## Max. Operating Voltage - UL:

Voltage
300 V RMS

## Max. Recommended Current:

Current
11 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6200FL 002U1000	1,000 FT	27.000 LB	RED		2 #16 FLRST FS FLRST
6200FL 0021000	1,000 FT	28.000 LB	RED		2 #16 FLRST FS FLRST

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