Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



5302UL Multi-Conductor - Commercial Audio Systems



For more Information please call

1-800-Belden1



General Description:

Fire Alarm Cable, Riser-FPLR, 4-18 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:

-1	# Conductors	AWG	Stranding	Conductor Material		
	4	18	7x26	BC - Bare Copper		

Total Number of Conductors:

4

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) 69.850 | 14.4364

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	Brown
4	Blue

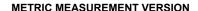
Overall Nominal Diameter: 4.674 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	41.670 Kg/Km

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Max. Recommended Pulling Tension:	398.114 N
Min. Bend Radius/Minor Axis:	47.625 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & 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):	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
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UL Flame Test: UL1666 Vertical Shaft CSA Flame Test: FT4

Plenum/Non-Plenum

Plenum Number: 6302UL

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 66.440

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 21.3265

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

6.4 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5302UL 002U1000	1,000 FT	30.000 LB	RED		4 #18 PO FRPVC

Revision Number: 0 Revision Date: 08-03-2016

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