



Product: [5020UL](#)

Fire Alarm, #12-2c BC, FPLR

Product Description

Fire Alarm Cable, Riser-FPLR, 2-12 AWG solid bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Fire Alarm, Monitor/Detection, Circuits: Audio, Control, Initiating, Notification
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	2	12	Solid	BC - Bare Copper

Insulation

Element	Material	Thickness	Color Code
Conductor(s)	PP - Polypropylene	0.010 in	Black, Red

Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PP - Polypropylene	0.017 in	0.239 in	Yes

Cable Diameter (Nominal):	0.239 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	1.53 Ohm/1000ft	25 pF/ft	12 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (FPLR)

Mechanical Characteristics

Temperature

UL Rating	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
2.375 in	2.4 in

Max. Pull Tension:	158 lbs
Bulk Cable Weight:	49 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Riser
NEC / UL Compliance:	Article 760, FPLR
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	California State Fire Marshall
Plenum Number:	6020UL

History

Update and Revision:	Revision Number: 0.269 Revision Date: 09-30-2020
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