



Product: [5120UL](#)

Fire Alarm, #14-2c BC, FPLR

Product Description

Fire Alarm Cable, Riser-FPLR, 2-14 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	14	Solid	BC - Bare Copper

Insulation

Element	Material	Thickness	Color Code
Conductor(s)	PP - Polypropylene	0.010 in (0.25 mm)	Black, Red

Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PP - Polypropylene	0.017 in (0.43 mm)	0.205 in	Yes

Cable Diameter (Nominal):	0.205 in (5.21 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	2.43 Ohm/1000ft (7.97 Ohm/km)	23 pF/ft (75 pF/m)	8.0 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.
2.1 in (53 mm)	2.1 in (53 mm)

Max. Pull Tension:	99 lbs (45 kg)
Bulk Cable Weight:	33 lbs/1000ft (49 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Riser, IEC 60332-1-2
NEC / UL Compliance:	Article 760, FPLR
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6120UL

History

Update and Revision:	Revision Number: 0.295 Revision Date: 07-02-2021
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