BELDEN

Product: 5100UL 🔗

Fire Alarm, #14-2c BC, FPLR

Product Description

Fire Alarm Cable, Riser-FPLR, 2-14 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

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

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	14 AWG	19x27	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.011 in (0.28 mm)	0.092 in (2.3 mm)	Black & Red

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.218 in	Yes

Overall Cable Diameter (Nominal):	0.218 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
2.72 Ohm/1000ft	22 pF/ft (72 pF/m)	8 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.74 in (44.2 mm)	1.74 in

Max. Pull Tension:	95 lbs (43 kg)

Bulk Cable Weight:	33 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1666 Riser
NEC / UL Compliance:	Article 760, FPLR
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6100UL

History

Update and Revision:	Revision Number: 0.244 Revision Date: 05-05-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
5100UL 0021000	Red	Reel	1,000 ft	612825156406
5100UL 002U1000	Red	Unreel	1,000 ft	612825156390