



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	No. of Elements	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 25°C

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	Footnote
5100UL 0021000	Red	Reel	1,000 ft	612825156406	C
5100UL 002U1000	Red	Unreel	1,000 ft	612825156390	

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.