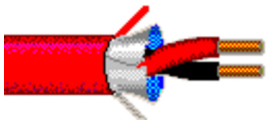
Product: 6320FK



Fire Alarm, #18-2c BC, Shielded, FPLP

Product Description

Fire Alarm Cable, Plenum-FPLP, 2-18 AWG solid bare copper conductors with FEP insulation, overall Beldfoil® shield, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Fire Alarm, Addressable Systems, Circuits: Audio, Control, Initiating, Notification

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	18	Solid	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
FEP - Fluorinated Ethylene Propylene	0.018 in (0.46 mm)	0.076 in (1.9 mm)	Black, Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (7x28) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.185 in	Yes

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
6.65 Ohm/1000ft	26 pF/ft (85 pF/m)	46.8 pF/ft (154 pF/m)	14 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
2.77 in (70.4 mm)	2.77 in

Max. Pull Tension:	51.8 lbs (23.5 kg)

Bulk Cable Weight:	25 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	Product Lens™
Flammability / Reaction to Fire:	NFPA 262 (UL910)
NEC / UL Compliance:	Article 760, FPLP
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
Other Standard Compliance(s):	California State Fire Marshall

History

Update and Revision:	Revision Number: 0.460 Revision Date: 03-04-2024

Part Numbers

Variants

Item #	Color	UPC	Footnote
6320FK 0021000	Red	612825175698	C
6320FK 002U1000	Red	612825175681	Z

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