

Product: 6320UL

Fire Alarm, #18-2c BC, FPLP

Product Description

Fire Alarm Cable, Plenum-FPLP, 2-18 AWG solid bare copper conductors with Flamarrest® insulation, Flamarrest® 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
Conductor(s)	2	18 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.008 in (0.20 mm)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.144 in (3.66 mm)	Yes

Overall Cable Diameter (Nominal):	0.144 in (3.66 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.4 Ohm/1000ft (21 Ohm/km)	31 pF/ft (100 pF/m)	5 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (FPLP)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
1.4 in (36 mm)	1.4 in (36 mm)

Max. Pull Tension:	39 lbs (18 kg)
Bulk Cable Weight:	15 lbs/1000ft (22 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum)
NEC / UL Compliance:	Article 760, FPLP
European Directive Compliance:	EU CE Mark
Other Standard Compliance(s):	California State Fire Marshall
Non-Plenum Number:	5320UL

History

Update and Revision:	Revision Number: 0.272 Revision Date: 02-08-2022

Part Numbers

Variants

Item #	Color	UPC
6320UL 0101000	Black	612825175919
6320UL 010C500	Black	612825175896
6320UL 010U1000	Black	612825175902
6320UL D15C500	Blue	612825175766
6320UL 0051000	Green, Dark	612825175841
6320UL 005U1000	Green, Dark	612825175834
6320UL 0031000	Orange	612825175810
6320UL 003U1000	Orange	612825175803
6320UL 012U1000	Pink	612825175926
6320UL 0021000	Red	612825175797
6320UL 002U1000	Red	612825175773
6320UL 002U500	Red	612825175780
6320UL 007C500	Violet	612825175858
6320UL 007U1000	Violet	612825175865
6320UL 009C500	White	612825175872
6320UL 009U1000	White	612825175889
6320UL 004U1000	Yellow	612825175827

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