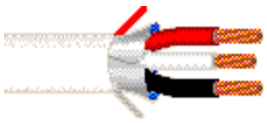
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Product: 6101FE



Security & Sound, 3 Conductor 14 AWG BC, Shielded, Plenum

Product Description

Security & Commercial Audio Cable, 3 Conductor 14 AWG stranded (19x27) bare copper conductors with Flamarrest® insulation, Beldfoil® shield, Plenum, Flamarrest® jacket with ripcord.

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	14 AWG	19x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.094 in (2.4 mm)	Black, White, Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	16 AWG (7x24) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.234 in	Yes

Overall Cable Diameter (Nominal):	0.234 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
2.54 Ohm/1000ft	85 pF/ft (280 pF/m)	153 pF/ft (502 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.

2.34 in (59.4 mm)	2.34 in

Max. Pull Tension:	172.9 lbs
Bulk Cable Weight:	60 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910)
NEC / UL Compliance:	Article 725, CL2P
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)
Non-Plenum Number:	5101FE

History

Update and Revision:	Revision Number: 0.369 Revision Date: 12-21-2021

Variants

Item #	Color	Putup Type	Length	UPC
6101FE 8771000	Natural	Reel	1,000 ft	612825173557

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