



REPRESENTATIVE IMAGE

Product: [6201FE](#)

Security & Sound, 3 Conductor 16 AWG BC, Shielded, CMP

Product Description

Security & Commercial Audio Cable, 3 Conductor 16 AWG stranded (19x29) bare copper conductors with Flamarrest® insulation, Beldfoil® shield, Plenum-CMP, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	16 AWG	19x29	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	Black, Red, White

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.195 in (4.95 mm)	Yes

Overall Cable Diameter (Nominal):	0.195 in (4.95 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	4 Ohm/1000ft (13 Ohm/km)	81.5 pF/ft (267 pF/m)	146.7 pF/ft (481.3 pF/m)	6.25 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMP)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
2.0 in (51 mm)	2.0 in (51 mm)

Max. Pull Tension:	116 lbs (52.6 kg)
Bulk Cable Weight:	36 lbs/1000ft (54 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
Non-Plenum Number:	5201FE

History

Update and Revision:	Revision Number: 0.355 Revision Date: 11-09-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6201FE 877500	Natural	Reel	500 ft	612825174158
6201FE 8771000	Natural	Reel	1,000 ft	612825174172
6201FE 877U1000	Natural	UnReel	1,000 ft	612825427100
6201FE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825174189

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