



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	No. of Elements	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)	Nom. Inductance	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)	0.15 µH/ft (0.49 µH/m)	6.25 Amps per conductor @ 25°C

Nom Outer Shield DCR@Cond DCR1-cnvt:	15.2 Ohm/1000ft (49.9 Ohm/km)
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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.
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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: 0.357 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
6201FE 877500	Natural	Reel	500 ft	612825174158	
6201FE 8771000	Natural	Reel	1,000 ft	612825174172	C
6201FE 877U1000	Natural	UnReel	1,000 ft	612825427100	
6201FE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825174189	
Footnote:		C - CRATE REEL PUT-UP.			

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