



**Product:** [6200FE](#)

Security & Sound, 2 Conductor 16 AWG BC, Shielded, CMP

### Product Description

Security & Commercial Audio Cable, 2-16 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)	2	16 AWG	19x29	BC - Bare Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	0.075 in (1.9 mm)	Black, Red

##### 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)	0.184 in (4.67 mm)	Yes

Overall Cable Diameter (Nominal): 0.184 in (4.67 mm)

#### 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	81.5 pF/ft (267 pF/m)	146.7 pF/ft (481.3 pF/m)	18 Amps per conductor @ 25°C

##### 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.
1.8 in (46 mm)	1.8 in (46 mm)

Max. Pull Tension:	84 lbs (38 kg)
Bulk Cable Weight:	31 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), FT6, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5200FH

## History

Update and Revision:	Revision Number: 0.523 Revision Date: 04-13-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
6200FE 010Z500	Black	ReelTuff Box	500 ft	
6200FE 0101000	Black	Reel	1,000 ft	612825423454
6200FE 010Z1000	Black	ReelTuff Box	1,000 ft	612825173915
6200FE D151000	Blue	Reel	1,000 ft	612825173939
6200FE 005Z1000	Green	ReelTuff Box	1,000 ft	612825350255
6200FE 0051000	Green, Dark	Reel	1,000 ft	612825423447
6200FE 877500	Natural	Reel	500 ft	612825423461
6200FE 8771000	Natural	Reel	1,000 ft	612825173922
6200FE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825350668
6200FE 0031000	Orange	Reel	1,000 ft	612825350231
6200FE 0021000	Red	Reel	1,000 ft	612825350224
6200FE 0071000	Violet	Reel	1,000 ft	612825350262
6200FE 0091000	White	Reel	1,000 ft	612825350279
6200FE 0041000	Yellow	Reel	1,000 ft	612825350248

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