BELDEN

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

Construction Details

Conductor

Element	No. of Elements	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: 0.526 Revision Date: 02-03-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
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	C
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	