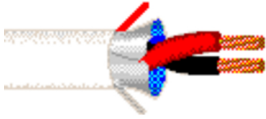


Product: [6200FE](#) 



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

Product Description

Security & Commercial Audio Cable, 2 Conductor 16 AWG stranded (19x29) bare copper conductors with Flamarrest® insulation, Beldfoil® shield, Plenum, Flamarrest® jacket with ripcord.

Technical Specifications

Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	BC - Bare Copper	2

Conductor Count:	2
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Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC-LS - Polyvinyl Chloride (Low Smoke)	Flamarrest®	0.009 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Alum / Poly	Beldfoil®	100 %	TC - Tinned Copper	24	7x32

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	Flamarrest®	0.188 in	0.015 in	Yes

Construction and Dimensions

Cabling

Twists
4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
4 Ohm/1000ft	15.9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
81.5 pF/ft	146.7 pF/ft

Inductance

Nominal Inductance
0.15 µH/ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C ambient: 6.25 A

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	31 lbs/1000ft
Max Recommended Pulling Tension:	85.5 lbs
Min Bend Radius/Minor Axis:	2.0 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
Plenum Number:	5200FH

Part Number

Variants

Item #	Color	UPC	Length	Footnote
6200FE 0101000	Black	612825423454	1,000 ft	
6200FE 010Z1000	Black	612825173915	1,000 ft	
6200FE 010Z500	Black		500 ft	

6200FE D151000	Blue	612825173939	1,000 ft	
6200FE 005Z1000	Green	612825350255	1,000 ft	
6200FE 0051000	Green, Dark	612825423447	1,000 ft	
6200FE 8771000	Natural	612825173922	1,000 ft	C
6200FE 877500	Natural	612825423461	500 ft	
6200FE 877Z1000	Natural	612825350668	1,000 ft	
6200FE 0031000	Orange	612825350231	1,000 ft	
6200FE 0021000	Red	612825350224	1,000 ft	
6200FE 0071000	Violet	612825350262	1,000 ft	
6200FE 0091000	White	612825350279	1,000 ft	
6200FE 0041000	Yellow	612825350248	1,000 ft	

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.289 Revision Date: 04-02-2020
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