
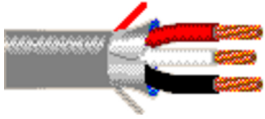


**Product:** [5501FE](#) 



Security & Sound, 3 Conductor 22 AWG BC, CMR

## Product Description

Security & Commercial Audio Cable, 3 Conductor 22 AWG stranded (7x30) bare copper conductors with polyolefin insulation, Beldfoil® shield, Riser, PVC jacket with ripcord.

## Technical Specifications

### Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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### Physical Characteristics (Overall)

#### Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	22	7x30	BC - Bare Copper	3

Conductor Count:	3
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#### Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	PP - Polypropylene	0.008 in

#### Color Chart

Number	Color
1	Black
2	Red
3	White

#### 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	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.133 in	0.017 in	Yes

### Construction and Dimensions

#### Cabling

Lay Direction	Twists
Left Hand	6 twist/ft

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
16.4 Ohm/1000ft	16.1 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
28.25 pF/ft	51 pF/ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C ambient: 2.8 A

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	12 lbs/1000ft
Max Recommended Pulling Tension:	32.8 lbs
Min Bend Radius/Minor Axis:	1.5 in

Standards

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

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
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:	FT4
UL Flammability:	UL1666 Vertical Shaft
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6501FH

Part Number

Variants

Item #	Color	Putup Type	Length	UPC/EAN
5501FE.00152	Gray	Reel	152 m	8719605008626
5501FE.00305	Gray	Reel	305 m	8719605008633
5501FE.00U305	Gray	Reel	305 m	8719605008640
5501FE 008500	Gray	Reel	500 ft	612825163152
5501FE 008U500	Gray	UnReel	500 ft	612825423966

5501FE 0081000	Gray	Reel	1,000 ft	612825163183
5501FE 008U1000	Gray	UnReel	1,000 ft	612825163169
5501FE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825163206

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.304 Revision Date: 05-11-2020
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