
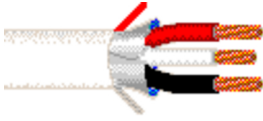


**Product:** [6101FE](#) 



Security & Sound, 3 Conductor 14 AWG BC, Shielded, Plenum

## Product Description

Security & Commercial Audio Cable, 3 Conductor 14 AWG stranded (19x27) bare copper conductors with Flamarrest® insulation, Beldfoil® shield, Plenum, Flamarrest® jacket with ripcord.

## Technical Specifications

### Product Overview

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

#### Conductor

AWG	Stranding	Material	No. of Conductors
14	19x27	BC - Bare Copper	3

Conductor Count:	3
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#### Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC-LS - Polyvinyl Chloride (Low Smoke)	Flamarrest®	0.011 in

#### Color Chart

Number	Color
1	Black
2	White
3	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	16	Solid

#### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	Flamarrest®	0.234 in	0.015 in	Yes

### Construction and Dimensions

#### Cabling

Twists
3.7 twist/ft

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
2.54 Ohm/1000ft	11.2 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
85 pF/ft	153 pF/ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	8 Amps per conductor @ 25°C ambient

Voltage

UL Description	UL Voltage Rating
UL type CL2P	150 V

Temperature Range

UL Temp Rating:	75°C
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Mechanical Characteristics

Bulk Cable Weight:	56.5 lbs/1000ft
Max Recommended Pulling Tension:	172.9 lbs
Min Bend Radius/Minor Axis:	2.4 in

Standards

NEC Articles:	725
NEC/(UL) Specification:	CL2P

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Plenum
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 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

UL Flammability:	NFPA 262
UL voltage rating:	150 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	5101FE
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Variants

Item #	Color	Putup Type	Length	UPC
6101FE 8771000	Natural	Reel	1,000 ft	612825173557

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.279 Revision Date: 04-28-2020
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