



Product: [5101FE](#)

Security & Sound, 3 Conductor 14 AWG BC, CL3R



## Product Description

Security & Commercial Audio Cable, 3 Conductor 14 AWG stranded (19x27) 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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### Construction Details

#### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	3	14 AWG	19x27	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.011 in (0.28 mm)	0.092 in (2.3 mm)	Black, White, Red

#### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.245 in	Yes

Overall Cable Diameter (Nominal): 0.245 in

### Electrical Characteristics

#### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
2.54 Ohm/1000ft	83 pF/ft (270 pF/m)	149.4 pF/ft (490.2 pF/m)	8 Amps per Conductor at 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.
2.45 in (62.2 mm)	2.45 in

Max. Pull Tension:	151 lbs (68.5 kg)
Bulk Cable Weight:	51 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, IEC 60332-1-2, FT4
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL3R
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)
Plenum Number:	6101FH

## History

Update and Revision:	Revision Number: 0.385 Revision Date: 12-20-2022
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
5101FE.00305	Chrome	Reel	305 m	8719605007797	
5101FE 0081000	Gray	Reel	1,000 ft	612825156628	C

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