


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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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	Nominal Wall Thickness
PP - Polypropylene	0.011 in

Color Chart

Number	Color
1	Black
2	White
3	Red

Outer Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	22	Solid

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.249 in	0.017 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
2.54 Ohm/1000ft	11.3 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
83 pF/ft	149.4 pF/ft

Inductance

Nominal Inductance

0.15 µH/ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	8 Amps per Conductor at 25°C

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:	54 lbs/1000ft
Max. Pull Tension:	172.9 lbs
Min. Bend Radius/Minor Axis:	2.5 in

Standards

NEC Articles:	Article 725
NEC/(UL) Compliance:	CL3R
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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Vertical Shaft
CSA Flammability:	FT4
IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6101FH

Part Number

Variants

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

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.371 Revision Date: 08-27-2021
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