



Product: [5201FH](#)

Security & Sound, 3 Conductor 16 AWG, TC, CMR

Product Description

Security & Commercial Audio Cable, 3 Conductor 16 AWG stranded (19x29) tinned copper conductors with polyolefin insulation, Beldfoil® shield, PVC jacket with ripcord, Riser rated.

Technical Specifications

Product Overview

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

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
16	19x29	TC - Tinned Copper	0.059 in	3

Conductor Count:	3
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Insulation

Material	Nominal Diameter
PP - Polypropylene	0.075 in

Color Chart

Number	Color
1	Black
2	Red
3	White

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.020 in	24

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.199 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
4 Ohm/1000ft	15.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
58 pF/ft	104.5 pF/ft

Current

Max. Recommended Current [A]

6.25 Amps per Conductor at 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-5°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	36 lbs/1000ft
Max. Pull Tension:	89 lbs
Min Bend Radius/Minor Axis:	2.00 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/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:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

Suitability

Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6201FH

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
5201FH 0081000	Gray	Reel	1,000 ft	612825157779
5201FH 008U1000	Gray	UnReel	1,000 ft	612825157816

Product Notes

Notes:	Print legend includes sequential footage marks. Rip cord under jacket.
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History

Update and Revision:	Revision Number: 0.42 Revision Date: 02-16-2021
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