



Product: [5501FH](#)

Security & Sound, 3 Conductor 22 AWG TC, Shielded, Riser

Product Description

Security & Commercial Audio Cable, 3 Conductor 22 AWG stranded (7x30) tinned 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
22	7x30	TC - Tinned Copper	3

Conductor Count:	3
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Insulation

Material	Nominal Wall Thickness
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
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24

Outer Jacket Material

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

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

Max. Recommended Current [A]

2.8 Amps per Conductor at 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

Operating Temp Range: -20°C to 75°C

Mechanical Characteristics

Bulk Cable Weight: 12 lbs/1000ft

Max. Pull Tension: 32.8 lbs

Min Bend Radius/Minor Axis: 1.5 in

Standards

NEC Articles: Article 800

NEC/(UL) Compliance: CMR

CEC/C(UL) Compliance: CMG

Applicable Environmental and Other Programs

Environmental Space: Indoor - Riser

EU Directive 2000/53/EC (ELV): 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

Suitability

Suitability - Indoor: Yes

Flammability, LSOH, Toxicity Testing

C(UL) Flammability: FT4

UL Flammability: UL1666 Vertical Shaft

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
5501FH 0081000	Gray	Reel	1,000 ft	612825163190
5501FH 008U1000	Gray	UnReel	1,000 ft	612825163251

History

Update and Revision: Revision Number: 0.108 Revision Date: 09-30-2020

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