



Part Number: 6201FH

Security & Sound, 3 Conductor 16 AWG TC, CMP

Product Description

Security & Commercial Audio Cable, 3 Conductor 16 AWG stranded (19x29) tinned copper conductors with Flammarrest® insulation, Beldfoil® shield, plenum CMP rating and Flammarrest® low smoke PVC jacket with ripcord.

Technical Specifications

Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	Commercial Audio Systems, Intercom/PA Systems, Sound/Audio Systems

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
14	19x29	TC - Tinned Copper	0.059 in	3

Conductor Count:	3
Conductor Size:	16 AWG

Insulation

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flammarrest®	0.077 in	0.009 in

Color Chart

Number
Black
White
Red

Outer Shield Material

Type	Material	Material Trade Name	Drainwire Material
Tape	Aluminum/Polyester	Beldfoil®	TC - Tinned Copper

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	0.200 in	0.015 in

Electrical Characteristics

Conductor DCR

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

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
81.5 pF/ft	147.0 pF/ft
Shielding:	Foil(s) or Copper Tape(s)

Inductance

Nominal Inductance

0.150 µH/ft

Current

Max. Recommended Current [A]

6.25 Amps

Voltage

UL Voltage Rating

300V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	0°C To +75°C

Mechanical Characteristics

UV Resistance:	No
Bulk Cable Weight:	36.1 lbs/1000ft
Max Recommended Pulling Tension:	115 lbs
Min Bend Radius/Minor Axis:	2.0 in

Standards

NEC/(UL) Specification:	CMP
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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:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes

Suitability

Suitability - Aerial:	No
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Sunlight Resistance:	No

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	5201FH
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Variants

Item #	Color	Footnote
6201FH 8771000	Natural	C

Footnote:	C - CRATE REEL PUT-UP.
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