



Product: [6301FH](#)

Security & Sound, 3 Conductor 18 AWG, TC, CMP

Product Description

Security & Commercial Audio Cable, 3 Conductor 18 AWG stranded (7x26) tinned copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord, Plenum rated.

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
Triad(s)	1	18 AWG	7x26	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Triad(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	0.064 in (1.6 mm)	Black, Red, White

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (Solid) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.172 in	Yes

Overall Cable Diameter (Nominal): 0.172 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
6.4 Ohm/1000ft	75 pF/ft (250 pF/m)	126 pF/ft (413 pF/m)	5 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.72 in (43.7 mm)	1.72 in

Max. Pull Tension:	72 lbs (33 kg)
Bulk Cable Weight:	26 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5301FH

History

Update and Revision:	Revision Number: 0.55 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6301FH 8771000	Natural	Reel	1,000 ft	612825175186
6301FH 877U1000	Natural	UnReel	1,000 ft	612825175216

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