



Product: [6000FH](#)

Security & Sound, 2 Conductor 12 AWG TC, CL2P

Product Description

Security & Commercial Audio Cable, 2 Conductor 12 AWG stranded (19x25) tinned copper conductors with Flamarrest® insulation, Beldfoil® shield, plenum CL2P rating and Flamarrest® low smoke PVC jacket with ripcord.

Technical Specifications

Product Overview

Suitable Applications:	Commercial Audio Systems, Intercom/PA Systems, Sound/Audio Systems
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Construction Details

Conductor				
Element	Number of Element	Size	Stranding	Material
Pair(s)	1	12 AWG	19x25	TC - Tinned Copper

Insulation				
Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.010 in (0.25 mm)	0.111 in (2.82 mm)	Black & White

Outer Shield			
Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (Solid) TC

Outer Jacket			
Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.260 in	Yes

Overall Cable Diameter (Nominal):	0.260 in
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Electrical Characteristics

Electricals			
Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
1.6 Ohm/1000ft	97 pF/ft (320 pF/m)	174.6 pF/ft (572.8 pF/m)	12 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.
2.6 in (66 mm)	2.6 in

Max. Pull Tension:	164 lbs (74.4 kg)
Bulk Cable Weight:	57 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910)
NEC / UL Compliance:	Article 725, CL2P
European Directive Compliance:	EU CE Mark, 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:	5000FH

History

Update and Revision:	Revision Number: 0.148 Revision Date: 12-20-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6000FH 8771000	Natural	Reel	1,000 ft	612825166092

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