



Product: [6400FH](#)

Security & Sound, 2 Conductor 20 AWG TC, Shielded, Plenum

Product Description

Security & Commercial Audio Cable, 2 Conductor 20 AWG stranded (7x28) tinned copper conductors with Flamarrest® insulation, Beldfoil® shield, Plenum, Flamarrest® jacket with ripcord.

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
Conductor(s)	2	20 AWG	7x28	TC - Tinned Copper

Insulation				
Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.008 in (0.20 mm)	0.052 in (1.3 mm)	Black, Red

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)	0.142 in	Yes
Overall Cable Diameter (Nominal):		0.142 in	

Electrical Characteristics

Electricals			
Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
11.1 Ohm/1000ft	70 pF/ft (230 pF/m)	120 pF/ft (390 pF/m)	3.75 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.
1.42 in (36.1 mm)	1.42 in

Max. Pull Tension:	30 lbs (14 kg)
Bulk Cable Weight:	14 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 CE Mark, 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:	5400FH

History

Update and Revision:	Revision Number: 0.398 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6400FH 8771000	Natural	Reel	1,000 ft	612825176602
6400FH 877U1000	Natural	UnReel	1,000 ft	612825176640

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