



Product: [6500FH](#)

Security & Commercial Audio Cable, 2 Conductor 22 AWG, Flamarrest® Jacket, CMP

Product Description

Security & Commercial Audio Cable, Plenum-CMP, 2-22 AWG stranded tinned copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems and Sound/Audio Systems
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.0095 in (0.24 mm)	0.048 in (1.2 mm)	Black and Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.130 in	Yes

Overall Cable Diameter (Nominal):	0.130 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
16.4 Ohm/1000ft	55 pF/ft (180 pF/m)	99 pF/ft (320 pF/m)	2.8 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.
1.3 in (33 mm)	1.3 in

Max. Pull Tension:	24 lbs (11 kg)
Bulk Cable Weight:	11 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:	5500FH

History

Update and Revision:	Revision Number: 0.324 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6500FH 010U1000	Black	UnReel	1,000 ft	612825177401
6500FH 8771000	Natural	Reel	1,000 ft	612825177395
6500FH 877U1000	Natural	UnReel	1,000 ft	612825177418
6500FH 009U1000	White	UnReel	1,000 ft	612825177388

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