



**Product:** [5400FH](#)

Security & Sound, 2 Conductor 20 AWG, TC, CMR

**Product Description**

Security & Commercial Audio Cable, 2 Conductor 20 AWG stranded (7x28) tinned copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord, Riser rated.

**Technical Specifications**

**Product Overview**

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

**Conductor**

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	20 AWG	7x28	TC - Tinned Copper

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	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 (7x32) TC

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.142 in	Yes

Overall Cable Diameter (Nominal):	0.142 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
10.3 Ohm/1000ft	40 pF/ft (130 pF/m)	72 pF/ft (240 pF/m)	3.75 Amps per Conductor at 25°C

**Voltage**

<b>UL Voltage Rating</b>
300 V

**Mechanical Characteristics**

**Temperature**

UL Temperature	Operating
75°C	0°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:	13 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
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)
Plenum Number:	6400FH

## History

Update and Revision:	Revision Number: 0.120 Revision Date: 12-21-2021
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
5400FH 0081000	Gray	Reel	1,000 ft	612825161950
5400FH 008U1000	Gray	UnReel	1,000 ft	612825161998

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