



Product: [5401FH](#)

Security & Sound, 3 Conductor 20 AWG, TC, CMR

Product Description

Security & Commercial Audio Cable, 3 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
Triad(s)	1	20 AWG	7x28	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Triad(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.054 in (1.4 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	0.017 in (0.43 mm)	0.149 in	Yes

Overall Cable Diameter (Nominal): 0.149 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	38 pF/ft (120 pF/m)	65 pF/ft (210 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.
1.49 in (37.8 mm)	1.49 in

Max. Pull Tension:	42.9 lbs (19.5 kg)
Bulk Cable Weight:	17 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 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:	6401FH

History

Update and Revision:	Revision Number: 0.55 Revision Date: 04-08-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
5401FH 0081000	Gray	Reel	1,000 ft	612825162063
5401FH 008U1000	Gray	UnReel	1,000 ft	612825162100

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