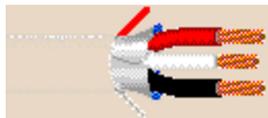


Product: [6401FE](#) 



Security & Sound, 3 Conductor 20 AWG BC, O/A Foil, CMP

Product Description

Security & Commercial Audio Cable, Plenum-CMP, 3-20 AWG stranded bare 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
Conductor(s)	3	20 AWG	7x28	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	0.054 in (1.4 mm)	Black, Red, White

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.15 in	Yes

Overall Cable Diameter (Nominal):	0.15 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
10.2 Ohm/1000ft	70 pF/ft (230 pF/m)	120 pF/ft (390 pF/m)	3.75 Amps per Conductor at 25°C
Nom Outer Shield DCR@Cond DCR1-cnvc:		12.8 Ohm/1000ft (42.0 Ohm/km)	

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.

1.5 in (38 mm)	1.5 in
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Max. Pull Tension:	46.9 lbs (21.3 kg)
Bulk Cable Weight:	21 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:	5401FE

History

Update and Revision:	Revision Number: 0.371 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
6401FE 8771000	Natural	Reel	1,000 ft	612825176688	C

Footnote:	C - CRATE REEL PUT-UP.
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