



Product: [6000FE](#) 

Security & Sound, 2 Conductor 12 AWG, BC, O/A Foil, CL2P

Product Description

Security & Sound Cable , Plenum-CL2P, 2-12 AWG stranded bare copper conductors with Flamarrest® insulation, Beldfoil® shield and 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	12 AWG	19x25	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.113 in (2.87 mm)	Black, White

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (7x28) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.26 in	Yes

Overall Cable Diameter (Nominal):	0.26 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Inductance	Max. Current
1.6 Ohm/1000ft	97 pF/ft (320 pF/m)	174.6 pF/ft (572.8 pF/m)	0.14 µH/ft (0.46 µH/m)	12 Amps per Conductor at 25°C

Nom Outer Shield DCR@Cond DCR1-cnvc:	7.2 Ohm/1000ft (24 Ohm/km)
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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.

2.6 in (66 mm)	2.6 in
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Max. Pull Tension:	164 lbs (74.4 kg)
Bulk Cable Weight:	64 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL2P
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5000FE

History

Update and Revision:	Revision Number: 0.397 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
6000FE 8771000	Natural	Reel	1,000 ft	612825433491	C

Footnote:	C - CRATE REEL PUT-UP.
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