REPRESENTATIVE IMAGE

Product: [6300FE](#) ⎘

Security & Sound, #18-2c, BC, O/A Foil, CMP

Product Description

Security & Commercial Audio Cable, Plenum-CMP, 2-18 AWG stranded bare copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Noisy Environment

Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	2	18	7x26	BC - Bare Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.009	Black, Red

Outer Shield Material

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

Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in	0.162 in	Yes

Cable Diameter (Nominal):	0.162 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	6.4 Ohm/1000ft	70 pF/ft	126 pF/ft	5 Amps per Conductor at 25ºC

Nom Outer Shield DCR:	15.9 Ohm/1000ft

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Rating	Operating
75°C	0°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
1.750 in	1.6 in

Max. Pull Tension:	57 lbs
Bulk Cable Weight:	21 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Fire Resistance:	NFPA 262, FT6, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5300FH

History

Update and Revision:	Revision Number: 0.350 Revision Date: 09-30-2020

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable](#):
  [6300FE 877U1000](#) [6300FE 877U500](#) [6300FE 8771000](#) [6300FE 877500](#) [6300FE 008U1000](#) [6300FE 009U1000](#)
[6300FE 010U1000](#)