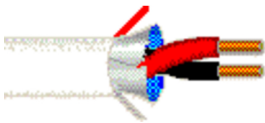




Product: [6520FE](#)



Security & Sound, 2 Conductor 22 AWG BC, Shielded, Plenum

Product Description

Security & Commercial Audio Cable, 2 Conductor 22 AWG solid bare copper conductors with Flamarrest® insulation, Beldfoil® shield, Plenum, 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)	2	22 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.010 in (0.25 mm)	0.046 in (1.2 mm)	Black, Red

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.122 in	Yes

Overall Cable Diameter (Nominal):	0.122 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
17.9 Ohm/1000ft	51 pF/ft (170 pF/m)	91.8 pF/ft (301 pF/m)	2.8 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.240 in (31.50 mm)	1.22 in

Max. Pull Tension:	23.4 lbs (10.6 kg)
Bulk Cable Weight:	11 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL910), 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:	5520FE

History

Update and Revision:	Revision Number: 0.376 Revision Date: 03-27-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6520FE 8771000	Natural	Reel	1,000 ft	612825178088
6520FE 877C1000	Natural	Coil	1,000 ft	612825178095
6520FE 877U1000	Natural	UnReel	1,000 ft	612825426288
6520FE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825178118

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