



REPRESENTATIVE IMAGE

**Product:** [5500FE](#)

Security & Sound, 2 Conductor 22 AWG, BC, CMR

## Product Description

Security & Sound Cable, Riser-CMR, 2-22 AWG stranded bare copper conductors with polypropylene insulation, Beldfoil® shield and PVC jacket with ripcord

## Technical Specifications

### Product Overview

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

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	2	22	7x30	BC - Bare Copper

#### Insulation

Element	Material	Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.008 in	0.045	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	0.017 in	0.126 in	Yes

Cable Diameter (Nominal):	0.126 in
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	16.1 Ohm/1000ft	34.5 pF/ft	62 pF/ft	2.8 Amps per Conductor at 25°C

Nom Outer Shield DCR:	16.1 Ohm/1000ft
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#### Voltage

UL Voltage Rating
300 V

### Mechanical Characteristics

#### Temperature

UL Rating	Operating
75°C	-20°C to +75°C

#### Bend Radius

Stationary Min.	Installation Min.

1.5 in	1.3 in
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Max. Pull Tension:	23.7 lbs
Bulk Cable Weight:	10 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Riser, FT4, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6500FH

## History

Update and Revision:	Revision Number: 0.376 Revision Date: 09-30-2020
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