



**Product:** [5502FE](#)

Security & Sound, #22-4c BC, Shielded, CMR

## Product Description

Security & Sound Cable, Riser-CMR, 4-22 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, Power-Limited Controls, Noisy Environment
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### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	4	22	7x30	BC - Bare Copper

#### Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PP - Polypropylene	0.008	Black, Red, White, Green

#### 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	0.145 in	Yes

Cable Diameter (Nominal):	0.145 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)	16.4 Ohm/1000ft	22.5 pF/ft	40.5 pF/ft	2.2 Amps per conductor @ 25°C

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

UL Voltage Rating
300 V (CMR)

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

Stationary Min.	Installation Min.

1.375 in	1.5 in
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Max. Pull Tension:	42 lbs
Bulk Cable Weight:	16 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Riser, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark

## History

Update and Revision:	Revision Number: 0.290 Revision Date: 09-30-2020
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