



**Product:** [5402FE](#)

Security & Sound, #20-4c, BC, Shielded, CMR

### Product Description

Security & Sound Cable, Riser-CMR, 4-20 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	20	7x28	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	0.163 in	Yes

Cable Diameter (Nominal):	0.163 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)	10.2 Ohm/1000ft	24.75 pF/ft	44.5 pF/ft	3 Amps per conductor @ 25°C

Nom Outer Shield DCR:	11.3 Ohm/1000ft
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##### Voltage

<b>UL Voltage Rating</b>
300 V (CMR)

#### Mechanical Characteristics

##### Temperature

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

##### Bend Radius

<b>Stationary Min.</b>	<b>Installation Min.</b>
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1.75 in	1.6 in
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Max. Pull Tension:	60 lbs
Bulk Cable Weight:	22 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Riser
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark
Plenum Number:	6402FE

## History

Update and Revision:	Revision Number: 0.276 Revision Date: 08-25-2020
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