

**Part Number: 5202FE**

**Security & Sound, #16-4c, BC, Shielded, CMR**



### Product Description

Security & Sound Cable, Riser-CMR, 4-16 AWG stranded bare copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	BC - Bare Copper	4

Conductor Count:	4
Conductor Size:	16 AWG

##### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

##### Color Chart

Color
Black
Red
White
Green

##### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	24	Solid

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.214 in	0.017 in	Yes

#### Construction and Dimensions

##### Cabling

Lay Direction	Twists
Left Hand	4 twist/ft

Print Legend: NEW GENERATION(R) BY BELDEN 5202FE CMR 75C 4C16 SHIELDED (UL) E108998 OR C(UL) CMG----FT4 (2 FT., 7 DIGIT SEQUENTIAL) FEET

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
4 Ohm/1000ft	14.4 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
30.5 pF/ft	55 pF/ft

Shielding: Foil(s) or Copper Tape(s)

## Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C: 5 A

## Voltage

UL Voltage Rating
300 V RMS

## Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	44 lbs/1000ft
Max Recommended Pulling Tension:	146.3 lbs
Min Bend Radius/Minor Axis:	2.125 in

## Standards

NEC Articles:	800
NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6202FE

## Part Number

### Variants

Item #	Color	Footnote
5202FE.00152	Chrome	
5202FE.00305	Chrome	
5202FE 0081000	Gray	C
5202FE 008500	Gray	

Footnote:	C - CRATE REEL PUT-UP.
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