



**Part Number: 5302FE**

Security & Sound, #18-4c, BC, Shielded, CMR

**Product Description**

Security & Sound Cable, Riser-CMR, 4-18 AWG stranded bare copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	4

Conductor Count:	4
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**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	7x32

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.188 in	0.017 in	Yes

**Construction and Dimensions**

**Cabling**

Lay Direction	Twists
Left Hand	4 twist/ft

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR	Nominal Outer Shield DCR
6.5 Ohm/1000ft	7.2 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
27 pF/ft	48.5 pF/ft

## Current

Element	Max. Recommended Current [A]
10C Temperature Rise	4 Amps per conductor @ 25°C 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:	30 lbs/1000ft
Max Recommended Pulling Tension:	103.6 lbs
Min Bend Radius/Minor Axis:	1.8 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 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, LSOH, Toxicity Testing

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum Number:	6302FE
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## Part Number

### Variants

Item #	Color	UPC	Length	Footnote
5302FE.00152	Chrome		152 m	
5302FE.00305	Chrome		305 m	
5302FE.00U305	Chrome		305 m	
5302FE.K0305	Chrome		305 m	
5302FE 0081000	Gray	612825336846		C
5302FE 008500	Gray	612825159551		
5302FE 008C250	Gray			
5302FE 008U1000	Gray	612825159537		
5302FE 008U500	Gray	612825159544		

Footnote:	C - CRATE REEL PUT-UP.
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**History**

Update and Revision:	Revision Number: 0.226 Revision Date: 08-22-2019
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