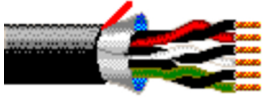


**Part Number: 5442FE**

**Security & Sound, #20-3pr, BC, Shielded, CMR**



## Product Description

Security & Sound Cable, Riser-CMR, 3-20 AWG stranded bare copper pairs with polypropylene insulation, Beldfoil® shield and PVC jacket with ripcord

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
20	7x28	BC - Bare Copper	3

Conductor Count:	6
Conductor Size:	20 AWG

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

#### Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green

#### Outer Shield Material

Material	Material Trade Name	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Aluminum/Polyester	Beldfoil®	TC - Tinned Copper	24	Solid

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.232 in	0.017 in

### Construction and Dimensions

Print Legend:	NEW GENERATION(R) BY BELDEN-M 5442FE CMR 75C 3PR20 SHIELDED (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET
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### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
10.3 Ohm/1000ft	10.5 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
26 pF/ft	46.8 pF/ft

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

Max. Recommended Current [A]
2.6 Amps per conductor @ 25°C A

#### Voltage

<b>UL Voltage Rating</b>
300 V RMS

## Temperature Range

Operating Temp Range:	-20°C To +75°C
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## Mechanical Characteristics

Bulk Cable Weight:	26.9 lbs/1000ft
Max Recommended Pulling Tension:	84.7 lbs
Min Bend Radius/Minor Axis:	2.4 in

## Standards

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG

## 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

## Flammability, LSOH, Toxicity Testing

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

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6442FE

## Part Number

### Variants

Item #	Color	Footnote
5442FE 0081000	Gray	C
5442FE 008U1000	Gray	

Footnote:	C - CRATE REEL PUT-UP.
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