




**Product:** [5441FE](#) 

Security & Sound, #20-2pr, BC, Shielded, CMR

## Product Description

Security & Sound Cable, Riser-CMR, 2-20 AWG stranded bare copper pairs 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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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
20	7x28	BC - Bare Copper	2

Conductor Count:	4
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#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

#### Color Chart

Number	Color
1	Black & Red
2	Black & White

#### Outer Shield Material

Material	Material Trade Name	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Alum / Poly	Beldfoil®	TC - Tinned Copper	24	7x32

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.218 in	0.017 in

### 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

#### Current

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

#### Voltage

UL Voltage Rating
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. Pull Tension:	59.5 lbs
Min Bend Radius/Minor Axis:	2.2 in

### Standards

NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	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
MII Order #39 (China RoHS):	Yes

### 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:	6441FE

### Part Number

#### Variants

Item #	Color	UPC
5441FE 0081000	Gray	612825162537
5441FE 008U1000	Gray	612825162520

### History

Update and Revision:	Revision Number: 0.225 Revision Date: 04-28-2020
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