



For more Information  
please call

1-800-Belden1



### General Description:

Security & Alarm Cable, Riser-CMR, 3-16 AWG stranded tinned copper conductors with polyolefin insulation, PVC jacket with ripcord

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
4	16	19x29	TC - Tinned Copper

Total Number of Conductors: 4

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.203

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

Outer Jacket Ripcord: Yes

#### Overall Cable

##### Overall Cabling Color Code Chart:

Color
Black
Red
White
Green

Overall Nominal Diameter: 5.334 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 61.016 Kg/Km

Max. Recommended Pulling Tension: 520.439 N

Min. Bend Radius/Minor Axis: 50.800 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

## 5202UH Multi-Conductor - Commercial Applications

NEC Articles:	800
CEC/C(UL) Specification:	CMG
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

### Flame Test

UL Flame Test:	UL1666 Vertical Riser
C(UL) Flame Test:	FT4

### Suitability

Suitability - Indoor:	Yes
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### Plenum/Non-Plenum

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

### Surface Printing (Overall)

Surface Printing:	NEW GENERATION(R) BY BELDEN-M 5202UE CMR 75C 4C16 (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
75.463

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
13.7802

#### Max. Operating Voltage - UL:

Voltage
300 V RMS

#### Max. Recommended Current:

Description	Current
10C Temperature Rise	5 Amps per conductor @ 25°C ambient

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5202UH 008U1000	1,000 FT	46.000 LB	GRAY		4 #16 PO FRPVC
5202UH 0081000	1,000 FT	46.000 LB	GRAY		4 #16 PO FRPVC
5202UH 008500	500 FT	24.000 LB	GRAY		4 #16 PO FRPVC
5202UH 009U1000	1,000 FT	46.000 LB	WHITE		4 #16 PO FRPVC

Revision Number: 0    Revision Date: 08-28-2015

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## **5202UH Multi-Conductor - Commercial Applications**

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