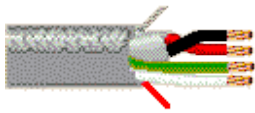


For more Information  
please call

1-800-Belden1



### General Description:

Security & Alarm Cable, Riser-CMR, 1-22 AWG stranded bare copper pair with polyolefin insulation and Beldfoil® shield, 2-22 AWG stranded bare copper conductors with insulation, Overall PVC jacket with ripcord

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
2	1	22	7x30	BC - Bare Copper

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.178

#### Inner Shield

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

#### 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

#### Overall Cable

Overall Cabling Color Code Chart:

Color
Black & Red (shielded pair)
White
Green

Overall Nominal Diameter: 3.861 mm

#### Pair

Pair Lay Length & Direction:

Lay Length (mm)
34.925

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 27.085 Kg/Km

## 5502GE Multi-Conductor - Commercial Applications

Max. Recommended Pulling Tension:	186.824 N
Min. Bend Radius/Minor Axis:	38.100 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
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 Shaft
C(UL) Flame Test:	FT4

#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6502GE

### Surface Printing (Overall)

Surface Printing:	NEW GENERATION(R) BY BELDEN-M 5502GE CMR 75C 4C22 SHIELDED (UL) E108998 OR C9UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET
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### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance ( $\mu\text{H}/\text{m}$ )
0.525

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
121.397

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)
218.187

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
53.8084

#### Max. Operating Voltage - UL:

Voltage
300 V RMS

#### Max. Recommended Current:

Current
2.2 Amps per conductor @ 25°C

### Put Ups and Colors:

## 5502GE Multi-Conductor - Commercial Applications

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5502GE 001U1000	1,000 FT	17.000 LB	BROWN		1FSPR + 2 CDR #22 PP FRPVC
5502GE 008U1000	1,000 FT	17.000 LB	GRAY		1FSPR + 2 CDR #22 PP FRPVC
5502GE 008Z1000	1,000 FT	19.000 LB	GRAY		1FSPR + 2 CDR #22 PO FRPVC

Revision Number: 3    Revision Date: 03-11-2013

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