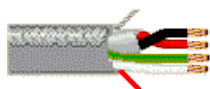


5502GE Multi-Conductor - Commercial Applications



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 (in.)
PP - Polypropylene	0.007

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 (in.)
PVC - Polyvinyl Chloride	0.017

Overall Cable

Overall Cabling Color Code Chart:

Color
Black & Red (shielded pair)
White
Green

Overall Nominal Diameter: 0.152 in.

Pair

Pair Lay Length & Direction:

Lay Length (in.)
1.375

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 18.200 lbs/1000 ft.

Max. Recommended Pulling Tension: 42 lbs.

Min. Bend Radius/Minor Axis: 1.500 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMG

5502GE Multi-Conductor - Commercial Applications

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

MIL 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)

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

0.160

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

37.000

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

66.500

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.4

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.2 Amps per conductor @ 25°C

Put Ups and Colors:

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 008I1000	1,000 FT	19.000 LB	GRAY	C	1FSPR + 2 CDR #22 PP FRPVC
5502GE 010U1000	1,000 FT	17.000 LB	BLACK		1FSPR + 2 CDR #22 PP FRPVC

Notes:

C = CRATE REEL PUT-UP.

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

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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