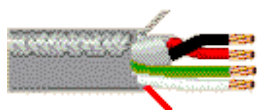


5502GE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1

**Description:**

22 AWG BC conductors, PP insulation, black/red pair shielded w/Beldfoil® tape (alum side facing in) and TC drain wire, cabled w/additional insulated conductor(s) as indicated, PVC jacket with rip cord. Sequential footage marking every two feet.

Physical Characteristics (Overall)**Conductor**

AWG:

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

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 Cabling

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.

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Min. Bend Radius (Install)/Minor Axis:	1.500 in.
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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

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

Related Documents:

No related documents are available for this product

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

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5502GE 0081000	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.

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