

5502UG Multi-Conductor - Residential, Light Commercial and Institutional Applications



For more Information
please call

1-800-Belden1

**Description:**

22 AWG stranded (7x30) bare copper conductors, polypropylene insulation, PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
4	22	7x30	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	.006

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.015

Overall Cable**Overall Cabling Color Code Chart:**

Color
Black
Red
White
Green

Overall Nominal Diameter: 0.131 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	13 lbs/1000 ft.
Max. Recommended Pulling Tension:	36.400 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.300 in.

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

NEC/(UL) Specification:	CM
NEC Articles:	800
CEC/C(UL) Specification:	CM
EU CE Mark:	Yes

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EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

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: UL1685 UL Loading

CSA Flame Test: FT1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

20

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.2

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
5502UG U4FC500	500 FT	6.500 LB	BEIGE U4F		4 #22 PP FRPVC
5502UG U4FU1000	1,000 FT	14.000 LB	BEIGE U4F		4 #22 PP FRPVC
5502UG 001C500	500 FT	6.500 LB	BROWN		4 #22 PP FRPVC
5502UG 001U1000	1,000 FT	14.000 LB	BROWN		4 #22 PP FRPVC
5502UG 003C1000	1,000 FT	13.000 LB	ORANGE		4 #22 PP FRPVC
5502UG 003C500	500 FT	6.500 LB	ORANGE		4 #22 PP FRPVC
5502UG 004C1000	1,000 FT	13.000 LB	YELLOW		4 #22 PP FRPVC
5502UG 004C500	500 FT	6.500 LB	YELLOW		4 #22 PP FRPVC
5502UG 004U1000	1,000 FT	14.000 LB	YELLOW		4 #22 PP FRPVC
5502UG 005C500	500 FT	6.500 LB	GREEN, DARK		4 #22 PP FRPVC
5502UG 006C1000	1,000 FT	13.000 LB	BLUE, LIGHT		4 #22 PP FRPVC
5502UG 006C500	500 FT	6.500 LB	BLUE, LIGHT		4 #22 PP FRPVC
5502UG 006U1000	1,000 FT	14.000 LB	BLUE, LIGHT		4 #22 PP FRPVC
5502UG 007C1000	1,000 FT	13.000 LB	VIOLET		4 #22 PP FRPVC
5502UG 007C500	500 FT	6.500 LB	VIOLET		4 #22 PP FRPVC
5502UG 007U1000	1,000 FT	14.000 LB	VIOLET		4 #22 PP FRPVC
5502UG 008C1000	1,000 FT	13.000 LB	GRAY		4 #22 PP FRPVC
5502UG 008C500	500 FT	6.500 LB	GRAY		4 #22 PP FRPVC
5502UG 008U1000	1,000 FT	14.000 LB	GRAY		4 #22 PP FRPVC
5502UG 008U500	500 FT	7.500 LB	GRAY		4 #22 PP FRPVC
5502UG 009C1000	1,000 FT	13.000 LB	WHITE		4 #22 PP FRPVC

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5502UG 009C500	500 FT	6.500 LB	WHITE	4 #22 PP FRPVC
5502UG 009U1000	1,000 FT	14.000 LB	WHITE	4 #22 PP FRPVC

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