

## 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

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

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
MIL 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

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

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

Revision Number: 1    Revision Date: 05-14-2007

© 2012 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

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