

**Detailed Specifications &  
Technical Data**



**5502UG Non-Paired - New Generation®**

	<p><b>For more information please call</b> <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p>
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**Description:**

Bare copper conductors, polypropylene insulation, PVC jacket. Conductors may not be cabled. Sequential footage marking every two feet.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Conductors	4
Total Number of Conductors	4
AWG	22
Stranding	7
Conductor Material	BC - Bare Copper

**INSULATION:**

Insulation Material	PP - Polypropylene
Nom. Insulation Wall Thickness	.006 in.

**OVERALL CABLING:**

Overall Cabling Color Code Chart	Black, Red, White, Green
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**OUTER SHIELD:**

Outer Shield Material	Unshielded
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**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.015 in.

**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	.131 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-20°C To +75°C
Bulk Cable Weight	13 lbs/1000 ft.
Max. Recommended Pulling Tension	36.4 lbs.
Min. Bend Radius (Install)	1.3 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

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NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM

**FLAME TEST:**

UL Flame Test	UL1581 Vertical Tray
CSA Flame Test	FT1

**PLENUM/NON-PLENUM:**

Plenum (Y/N)	N
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**ELECTRICAL CHARACTERISTICS:**

Nom. Capacitance Conductor to Conductor @ 1 KHz	20 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	16.2 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	2.2 Amps per conductor @ 25°C

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5502UG 001C1000	4 #22 PP FRPVC	C1000	13	BROWN	
5502UG 001C500	4 #22 PP FRPVC	C500	6.5	BROWN	
5502UG 001U1000	4 #22 PP FRPVC	U1000	14	BROWN	
5502UG 003C1000	4 #22 PP FRPVC	C1000	13	ORANGE	
5502UG 003C500	4 #22 PP FRPVC	C500	6.5	ORANGE	
5502UG 003U1000	4 #22 PP FRPVC	U1000	14	ORANGE	
5502UG 004C1000	4 #22 PP FRPVC	C1000	13	YELLOW	
5502UG 004C500	4 #22 PP FRPVC	C500	6.5	YELLOW	
5502UG 004U1000	4 #22 PP FRPVC	U1000	14	YELLOW	
5502UG 005C1000	4 #22 PP FRPVC	C1000	13	GREEN, DARK	
5502UG 005C500	4 #22 PP FRPVC	C500	6.5	GREEN, DARK	
5502UG 005U1000	4 #22 PP FRPVC	U1000	14	GREEN, DARK	
5502UG 006C1000	4 #22 PP FRPVC	C1000	13	BLUE, LIGHT	
5502UG 006C500	4 #22 PP FRPVC	C500	6.5	BLUE, LIGHT	
5502UG 006U1000	4 #22 PP FRPVC	U1000	14	BLUE, LIGHT	

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5502UG 007C1000	4 #22 PP FRPVC	C1000	13	VIOLET	
5502UG 007C500	4 #22 PP FRPVC	C500	6.5	VIOLET	
5502UG 007U1000	4 #22 PP FRPVC	U1000	14	VIOLET	
5502UG 008C1000	4 #22 PP FRPVC	C1000	13	GRAY	
5502UG 008C500	4 #22 PP FRPVC	C500	6.5	GRAY	
5502UG 008U1000	4 #22 PP FRPVC	U1000	14	GRAY	
5502UG 008U500	4 #22 PP FRPVC	U500	7.5	GRAY	
5502UG 009C1000	4 #22 PP FRPVC	C1000	13	WHITE	
5502UG 009C500	4 #22 PP FRPVC	C500	6.5	WHITE	
5502UG 009U1000	4 #22 PP FRPVC	U1000	14	WHITE	
5502UG 009U500	4 #22 PP FRPVC	U500	7.5	WHITE	
5502UG U4FC1000	4 #22 PP FRPVC	C1000	13	BEIGE U4F	
5502UG U4FC500	4 #22 PP FRPVC	C500	6.5	BEIGE U4F	
5502UG U4FU1000	4 #22 PP FRPVC	U1000	14	BEIGE U4F	

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