

**Detailed Specifications &  
Technical Data**



**5582UG 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	Solid
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, Yellow, 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	.122 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	31.2 lbs.
Min. Bend Radius (Install)	1.2 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

**ELECTRICAL CHARACTERISTICS:**

Nom. Conductor DC Resistance @ 20 Deg. C 15.7 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
5582UG 001C1000	4 #22 PP FRPVC	C1000	12	BROWN	
5582UG 001C500	4 #22 PP FRPVC	C500	6	BROWN	
5582UG 001U1000	4 #22 PP FRPVC	U1000	13	BROWN	
5582UG 008C1000	4 #22 PP FRPVC	C1000	12	GRAY	
5582UG 008C500	4 #22 PP FRPVC	C500	6	GRAY	
5582UG 008U1000	4 #22 PP FRPVC	U1000	13	GRAY	
5582UG 009C1000	4 #22 PP FRPVC	C1000	12	WHITE	
5582UG 009C500	4 #22 PP FRPVC	C500	6	WHITE	
5582UG 009U1000	4 #22 PP FRPVC	U1000	14	WHITE	
5582UG U4FC1000	4 #22 PP FRPVC	C1000	12	BEIGE U4F	
5582UG U4FC500	4 #22 PP FRPVC	C500	6	BEIGE U4F	
5582UG U4FU1000	4 #22 PP FRPVC	U1000	13	BEIGE U4F	

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**BELDEN**Cable™

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