

**Detailed Specifications &  
Technical Data**



**5520UE 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, PVC insulation, PVC jacket with ripcord. Sequential footage marking every two feet.

**SUITABLE APPLICATIONS:**

Suitable Applications Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, Single Line Telephone

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Conductors	2
Total Number of Conductors	2
AWG	22
Stranding	Solid
Conductor Material	BC - Bare Copper

**INSULATION:**

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.

**OVERALL CABLING:**

Overall Cabling Lay Length	1.75 in.
Overall Cabling Twists/ft.	6.85

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	2	Red

**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.
Outer Jacket Ripcord	Yes

**OVERALL NOMINAL DIAMETER:**

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Overall Nominal Diameter	.122 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	8.1 lbs/1000 ft.
Max. Recommended Pulling Tension	15.6 lbs.
Min. Bend Radius (Install)	1.25 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification	CMR
NEC Articles	800
CEC/C(UL) Specification	CMG

**FLAME TEST:**

UL Flame Test	UL1666 Vertical Shaft
C(UL) Flame Test	FT4

**PLENUM/NON-PLENUM:**

Plenum (Y/N)	N
Plenum Number	6520UE

**ELECTRICAL CHARACTERISTICS:**

Nom. Capacitance Conductor to Conductor @ 1 KHz	24 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	15.7 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	2.8 Amps per conductor @ 25°C

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5520UE 0081000	2 #22 PVC FRPVC	1000	9	GRAY	
5520UE 008C1000	2 #22 PVC FRPVC	C1000	8	GRAY	
5520UE 008C500	2 #22 PVC FRPVC	C500	4	GRAY	
5520UE 008U1000	2 #22 PVC FRPVC	U1000	9	GRAY	
5520UE 008U500	2 #22 PVC FRPVC	U500	5	GRAY	

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**BELDEN**Cable™

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