

5100UE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled

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

14 AWG bare copper conductors, PVC insulation, PVC jacket with ripcord, sequential footage marking every two feet.

SUITABLE APPLICATIONS:

Suitable Applications	Intercom/PA Systems, Sound/Audio Systems, Fire Alarm (For color Red only)(Dual Rated)
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PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	2
Total Number of Conductors	2
AWG	14
Stranding	19x27
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.014 in.

OVERALL CABLING:

Overall Cabling Lay Length	4 in.
Overall Cabling Twists/ft.	3.0

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	2	White

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:

Overall Nominal Diameter	.234 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	36.2 lbs/1000 ft.
Max. Recommended Pulling Tension	95 lbs.
Min. Bend Radius (Install)	2.25 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CL3R, FPLR
NEC Articles	725 or 760
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

FLAME TEST:

UL Flame Test	UL1666 Vertical Riser
CSA Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	6100UE

ELECTRICAL CHARACTERISTICS:

Nom. Inductance	0.15 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	31 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	2.53 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	8 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5100UE 0021000	2 #14 PVC FRPVC	1000	40	RED	C
5100UE 0081000	2 #14 PVC FRPVC	1000	40	GRAY	C
5100UE 008500	2 #14 PVC FRPVC	500	20	GRAY	C
5100UE 008U1000	2 #14 PVC FRPVC	U1000	38	GRAY	
5100UE 0101000	2 #14 PVC FRPVC	1000	40	BLACK	C

C = CRATE REEL PUT-UP.

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Revision Number: 1 Revision Date: 05-08-2006

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