

**Detailed Specifications &
Technical Data**



5000UE Non-Paired - New Generation®

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

Description:

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)
-----------------------	---

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	2
Total Number of Conductors	2
AWG	12
Stranding	19x25
Conductor Material	BC - Bare Copper

INSULATION:

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

OVERALL CABLING:

Overall Cabling Lay Length	4.5 in.
Overall Cabling Twists/ft.	2.7

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	2	White

OUTER SHIELD:

Outer Shield Material	Unshielded
-----------------------	------------

OUTER JACKET:

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

OVERALL NOMINAL DIAMETER:

**Detailed Specifications &
Technical Data**



5000UE Non-Paired - New Generation®

Overall Nominal Diameter	.268 in.
--------------------------	----------

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	53.6 lbs/1000 ft.
Max. Recommended Pulling Tension	152 lbs.
Min. Bend Radius (Install)	2.6 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CL3R, FPLR
NEC Articles	725 or 760

FLAME TEST:

UL Flame Test	UL1666 Vertical Riser
---------------	-----------------------

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	6000UE

ELECTRICAL CHARACTERISTICS:

Nom. Inductance	0.15 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	33.5 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	1.6 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	12 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5000UE 0021000	2 #12 SR PVC FRPVC	1000	57	RED	C
5000UE 0081000	2 #12 SR PVC FRPVC	1000	57	GRAY	C
5000UE 008500	2 #12 SR PVC FRPVC	500	29	GRAY	C

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 10-18-2004

**Detailed Specifications &
Technical Data**



BELDENCable™

5000UE Non-Paired - New Generation®

© 2003 Belden Wire & Cable Company
All Rights Reserved.

Although Belden Electronics Division ("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.