

## 5000UE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled

|   |  |  |
|---|--|--|
|  |  | <p style="text-align: center;"><b>For more information please call</b><br/><b>1-800-Belden1</b></p> <p style="text-align: center;"><u>See Put-ups and Colors</u></p> |
|---|--|--|

### Description:

12 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) |
|-----------------------|---|

### 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:

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

## 5000UE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled

### 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 |
| 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 | 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     |
| 5000UE 0101000 | 2 #12 SR PVC FRPVC | 1000         | 57                 | BLACK        | C     |

C = CRATE REEL PUT-UP.

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

---

## **5000UE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled**

---

© Copyright 2006 Belden, Inc  
All Rights Reserved.

Although Belden ("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.

Belden believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Cable Mfgs. (San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan-2003); Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb-2003). The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information and belief at the date of its publication. The information provided in the Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.