

**6300UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled**

For more Information  
please call

1-800-Belden1

**Description:**

18 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Flamarrest® jacket with ripcord, sequential footage marking every two feet.

**Usage (Overall)**

Suitable Applications: Intercom/PA Systems, Sound/Audio Systems

**Physical Characteristics (Overall)****Conductor**

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2            | 18  | 7x26      | BC - Bare Copper   |

Total Number of Conductors: 2

**Insulation**

Insulation Material:

| Insulation Trade Name | Insulation Material                   | Wall Thickness (in.) |
|-----------------------|---------------------------------------|----------------------|
| Flamarrest®           | LS PVC - Low Smoke Polyvinyl Chloride | 0.008                |

**Outer Shield**

Outer Shield Material:

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

**Outer Jacket**

Outer Jacket Material:

| Outer Jacket Trade Name | Outer Jacket Material                 | Nom. Wall Thickness (in.) |
|-------------------------|---------------------------------------|---------------------------|
| Flamarrest®             | LS PVC - Low Smoke Polyvinyl Chloride | .015                      |

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Cabling Lay Length & Direction:

| Length (in.) | Twists (twist/ft) |
|--------------|-------------------|
| 3.5          | 3.4               |

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1      | Black |
| 2      | Red   |

Overall Nominal Diameter: 0.154 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: 0°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 16 lbs/1000 ft.

Max. Recommended Pulling Tension: 45 lbs.

Min. Bend Radius/Minor Axis: 1.550 in.

**6300UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled****Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

|                                       |            |
|---------------------------------------|------------|
| NEC/(UL) Specification:               | CMP        |
| NEC Articles:                         | 800        |
| CEC/C(UL) Specification:              | CMP        |
| EU CE Mark:                           | Yes        |
| EU Directive 2000/53/EC (ELV):        | Yes        |
| EU Directive 2002/95/EC (RoHS):       | Yes        |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005 |
| EU Directive 2002/96/EC (WEEE):       | Yes        |
| EU Directive 2003/11/EC (BFR):        | Yes        |
| CA Prop 65 (CJ for Wire & Cable):     | Yes        |
| MII Order #39 (China RoHS):           | Yes        |

**Flame Test**

|                   |          |
|-------------------|----------|
| UL Flame Test:    | NFPA 262 |
| C(UL) Flame Test: | FT6      |

**Plenum/Non-Plenum**

|                    |        |
|--------------------|--------|
| Plenum (Y/N):      | Yes    |
| Non-Plenum Number: | 5300UE |

**Electrical Characteristics (Overall)****Nom. Inductance:**

|                    |
|--------------------|
| Inductance (μH/ft) |
| .15                |

**Nom. Capacitance Conductor to Conductor:**

|                     |
|---------------------|
| Capacitance (pF/ft) |
| 34.000              |

**Nom. Conductor DC Resistance:**

|                          |
|--------------------------|
| DCR @ 20°C (Ohm/1000 ft) |
| 6.5                      |

**Max. Operating Voltage - UL:**

|           |
|-----------|
| Voltage   |
| 300 V RMS |

**Max. Recommended Current:**

|                             |
|-----------------------------|
| Current                     |
| 5 Amps per conductor @ 25°C |

**Put Ups and Colors:**

| Item #          | Putup    | Ship Weight | Color  | Notes | Item Desc         |
|-----------------|----------|-------------|--------|-------|-------------------|
| 6300UE 004U1000 | 1,000 FT | 18.000 LB   | YELLOW |       | 2 #18 FLRST FLRST |
| 6300UE 004I1000 | 1,000 FT | 18.000 LB   | YELLOW | C     | 2 #18 FLRST FLRST |
| 6300UE 007I1000 | 1,000 FT | 18.000 LB   | VIOLET | C     | 2 #18 FLRST FLRST |
| 6300UE 008U1000 | 1,000 FT | 18.000 LB   | GRAY   |       | 2 #18 FLRST FLRST |
| 6300UE 008U500  | 500 FT   | 9.500 LB    | GRAY   |       | 2 #18 FLRST FLRST |
| 6300UE 008I1000 | 1,000 FT | 18.000 LB   | GRAY   | C     | 2 #18 FLRST FLRST |
| 6300UE 009U1000 | 1,000 FT | 18.000 LB   | WHITE  |       | 2 #18 FLRST FLRST |
| 6300UE 010U1000 | 1,000 FT | 18.000 LB   | BLACK  |       | 2 #18 FLRST FLRST |
| 6300UE 010U500  | 500 FT   | 9.500 LB    | BLACK  |       | 2 #18 FLRST FLRST |
| 6300UE 010I1000 | 1,000 FT | 18.000 LB   | BLACK  | C     | 2 #18 FLRST FLRST |

**6300UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled**

|                 |          |           |              |   |                   |
|-----------------|----------|-----------|--------------|---|-------------------|
| 6300UE 0105000  | 5,000 FT | 90.000 LB | BLACK        |   | 2 #18 FLRST FLRST |
| 6300UE 012U1000 | 1,000 FT | 18.000 LB | PINK         |   | 2 #18 FLRST FLRST |
| 6300UE 3371000  | 1,000 FT | 18.000 LB | GREEN, LIGHT | C | 2 #18 FLRST FLRST |
| 6300UE 877U1000 | 1,000 FT | 18.000 LB | NATURAL      |   | 2 #18 FLRST FLRST |
| 6300UE 877U500  | 500 FT   | 9.500 LB  | NATURAL      |   | 2 #18 FLRST FLRST |
| 6300UE 8771000  | 1,000 FT | 18.000 LB | NATURAL      | C | 2 #18 FLRST FLRST |
| 6300UE 877500   | 500 FT   | 9.500 LB  | NATURAL      |   | 2 #18 FLRST FLRST |

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 2    Revision Date: 03-26-2010

© 2012 Belden, Inc  
All Rights Reserved.

Although 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. 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 this 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.