

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

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

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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

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