



**Product:** [5000UE](#) 

Security & Sound, 2 Conductor 12 AWG, BC, Unshielded, CL3R-FPLR

## Product Description

Security & Commercial Audio Cable, Riser-CL3R-FPLR 2-12 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

## Technical Specifications

### Product Overview

|                        |                                                                            |
|------------------------|----------------------------------------------------------------------------|
| Suitable Applications: | Security System, Intercom/PA, Audio/Speaker, Fire Alarm Systems (Red only) |
|------------------------|----------------------------------------------------------------------------|

### Construction Details

#### Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 2               | 12 AWG | 19x25     | BC - Bare Copper |

#### Insulation

| Element      | Material           | Nom. Thickness     | Nom. Insulation Diameter | Color Code   |
|--------------|--------------------|--------------------|--------------------------|--------------|
| Conductor(s) | PP - Polypropylene | 0.011 in (0.28 mm) | 0.113 in (2.87 mm)       | Black, White |

#### Outer Shield

| Material  |
|-----------|
| No Shield |

#### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter    | Ripcord |
|--------------------------|--------------------|------------------|---------|
| PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.26 in (6.6 mm) | Yes     |

|                                   |                  |
|-----------------------------------|------------------|
| Overall Cable Diameter (Nominal): | 0.26 in (6.6 mm) |
|-----------------------------------|------------------|

### Electrical Characteristics

#### Electricals

| Element      | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Inductance        | Max. Current                 |
|--------------|--------------------|-------------------------------|------------------------|------------------------------|
| Conductor(s) | 1.6 Ohm/1000ft     | 24 pF/ft (79 pF/m)            | 0.15 µH/ft (0.49 µH/m) | 30 Amps per conductor @ 30°C |

#### Voltage

| UL Voltage Rating |
|-------------------|
| 300 V             |

### Mechanical Characteristics

#### Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 75°C           | -20°C to +75°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.6 in (66 mm)  | 2.6 in (66 mm)    |

|                    |                   |
|--------------------|-------------------|
| Max. Pull Tension: | 152 lbs (68.9 kg) |
|--------------------|-------------------|

|                    |               |
|--------------------|---------------|
| Bulk Cable Weight: | 51 lbs/1000ft |
|--------------------|---------------|

Standards and Compliance

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor - Riser, Indoor                                                       |
| Flammability / Reaction to Fire: | UL 1666 Riser, IEEE 1202 FT4, IEC 60332-1-2                                  |
| CPR Compliance:                  | CPR Euroclass: Eca                                                           |
| NEC / UL Compliance:             | Article 725, Article 760, CL3R, FPLR                                         |
| European Directive Compliance:   | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance:        | UKCA Mark                                                                    |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)                                              |
| Plenum Number:                   | 6000UE                                                                       |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.519 Revision Date: 09-07-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #          | Color | Putup Type   | Length   | UPC          | Footnote |
|-----------------|-------|--------------|----------|--------------|----------|
| 5000UE 010Z500  | Black | ReelTuff Box | 500 ft   | 612825434085 |          |
| 5000UE 0101000  | Black | Reel         | 1,000 ft | 612825154600 | C        |
| 5000UE 010Z1000 | Black | ReelTuff Box | 1,000 ft | 612825432883 |          |
| 5000UE 010Z1000 | Black | ReelTuff Box | 1,000 ft | 612825432883 |          |
| 5000UE 0105000  | Black | Reel         | 5,000 ft | 612825437864 |          |
| 5000UE 008500   | Gray  | Reel         | 500 ft   | 612825154594 | C        |
| 5000UE 008Z500  | Gray  | ReelTuff Box | 500 ft   | 612825434061 |          |
| 5000UE 0081000  | Gray  | Reel         | 1,000 ft | 612825336310 | C        |
| 5000UE 008Z1000 | Gray  | ReelTuff Box | 1,000 ft | 612825432869 |          |
| 5000UE 008Z1000 | Gray  | ReelTuff Box | 1,000 ft | 612825432869 |          |
| 5000UE 0021000  | Red   | Reel         | 1,000 ft | 612825154587 | C        |
| 5000UE 002Z1000 | Red   | ReelTuff Box | 1,000 ft | 612825432852 |          |
| 5000UE 002Z1000 | Red   | ReelTuff Box | 1,000 ft | 612825432852 |          |

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

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