

Product: [5000UE](#) 



Security & Sound, 2 Conductor 12 AWG, BC, Unshielded, CMR

Product Description

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

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Environmental Space: | Indoor - Riser |
| Suitable Applications: | Intercom/PA Systems, Sound/Audio Systems, Fire Alarm (For color Red only)(Dual Rated) |

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 12 | 19x25 | BC - Bare Copper | 2 |

| | |
|------------------|---|
| Conductor Count: | 2 |
|------------------|---|

Insulation

| Material | Nominal Wall Thickness |
|-------------------------|------------------------|
| Polyolefin (PO, PE, PP) | 0.011 in |

Color Chart

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | White |

Outer Shield Material

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

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.26 in | 0.017 in | Yes |

Construction and Dimensions

Cabling

| Lay Direction | Twists |
|---------------|--------------|
| Left Hand | 2.7 twist/ft |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 1.6 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
|---|

| |
|----------|
| 24 pF/ft |
|----------|

Inductance

| Nominal Inductance |
|--------------------|
| 0.15 µH/ft |

Current

| Element | Max. Recommended Current [A] |
|----------------------|--------------------------------------|
| 10C Temperature Rise | 12 Amps per conductor @ 25°C ambient |

Voltage

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

Temperature Range

| | |
|-----------------------|----------------|
| UL Temp Rating: | 75°C |
| Operating Temp Range: | -20°C To +75°C |

Mechanical Characteristics

| | |
|----------------------------------|-----------------|
| Bulk Cable Weight: | 53.6 lbs/1000ft |
| Max Recommended Pulling Tension: | 152 lbs |
| Min Bend Radius/Minor Axis: | 2.625 in |

Standards

| | |
|-------------------------|------------|
| NEC Articles: | 725, 760 |
| NEC/(UL) Specification: | CL3R, FPLR |
| CPR Euroclass: | Eca |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-04-01 |
| MII Order #39 (China RoHS): | Yes |

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Flammability, LS0H, Toxicity Testing

| | |
|-----------------------|-----------------------|
| UL Flammability: | UL1666 Vertical Riser |
| CSA Flammability: | FT4 |
| ISO/IEC Flammability: | IEC 60332-1-2 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| | |
|----------------|--------|
| Plenum (Y/N): | No |
| Plenum Number: | 6000UE |

Part Number

Variants

| Item # | Color | UPC | Length | Footnote |
|-----------------|-------|--------------|----------|----------|
| 5000UE 0101000 | Black | 612825154600 | 1,000 ft | C |
| 5000UE 010Z1000 | Black | 612825432883 | 1,000 ft | |
| 5000UE 010Z1000 | Black | 612825432883 | 1,000 ft | |
| 5000UE 010Z500 | Black | 612825434085 | 500 ft | |
| 5000UE 0105000 | Black | 612825437864 | 5,000 ft | |
| 5000UE 0081000 | Gray | 612825336310 | 1,000 ft | C |

| | | | | |
|-----------------|------|--------------|----------|---|
| 5000UE 008500 | Gray | 612825154594 | 500 ft | C |
| 5000UE 008Z1000 | Gray | 612825432869 | 1,000 ft | |
| 5000UE 008Z1000 | Gray | 612825432869 | 1,000 ft | |
| 5000UE 008Z500 | Gray | 612825434061 | 500 ft | |
| 5000UE 0021000 | Red | 612825154587 | 1,000 ft | C |
| 5000UE 002Z1000 | Red | 612825432852 | 1,000 ft | |
| 5000UE 002Z1000 | Red | 612825432852 | 1,000 ft | |

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

History

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| Update and Revision: | Revision Number: 0.269 Revision Date: 04-02-2020 |
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