

**Part Number: 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
Conductor Size:	12 AWG

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.011 in

#### Color Chart

Number	Color
1	Black
2	White

#### Outer Shield Material

Material
Unshielded

#### 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

Shielding:	Multiple or Specialty
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#### 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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Indoor:	Yes
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#### Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1666 Vertical Riser
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

#### Plenum/Non-Plenum

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

#### Part Number

##### Variants

Item #	Color	Footnote
5000UE 0101000	Black	C
5000UE 0081000	Gray	C
5000UE 008500	Gray	C
5000UE 0021000	Red	C

Footnote:	C - CRATE REEL PUT-UP.
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