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

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
PP - Polypropylene	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

Environmental Space:	Indoor - Riser
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	Putup Type	Length	UPC
5000UE 0101000	Black	Reel	1,000 ft	612825154600
5000UE 010Z1000	Black	ReelTuff Box	1,000 ft	612825432883
5000UE 010Z1000	Black	ReelTuff Box	1,000 ft	612825432883
5000UE 010Z500	Black	ReelTuff Box	500 ft	612825434085
5000UE 0105000	Black	Reel	5,000 ft	612825437864
5000UE 0081000	Gray	Reel	1,000 ft	612825336310

5000UE 008500	Gray	Reel	500 ft	612825154594
5000UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825432869
5000UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825432869
5000UE 008Z500	Gray	ReelTuff Box	500 ft	612825434061
5000UE 0021000	Red	Reel	1,000 ft	612825154587
5000UE 002Z1000	Red	ReelTuff Box	1,000 ft	612825432852
5000UE 002Z1000	Red	ReelTuff Box	1,000 ft	612825432852

Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.271 Revision Date: 04-08-2020