



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)
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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)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	1.6 Ohm/1000ft	24 pF/ft (79 pF/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)
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Bulk Cable Weight:	51 lbs/1000ft
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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: 0.516 Revision Date: 04-14-2023
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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	

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