

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 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	Number of Element	Size	Stranding	Material
Conductor(s)	2	12 AWG	19x25	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PP - Polypropylene	0.011 in (0.28 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	Max. Current
Conductor(s)	1.6 Ohm/1000ft (5.2 Ohm/km)	24 pF/ft (79 pF/m)	12 Amps per Conductor at 25ºC

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 (76 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Vertical 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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6000UE

History

Update and Revision:	Revision Number: 0.350 Revision Date: 02-08-2022

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
5000UE 010Z500	Black	ReelTuff Box	500 ft	612825434085
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 0105000	Black	Reel	5,000 ft	612825437864
5000UE 008500	Gray	Reel	500 ft	612825154594
5000UE 008Z500	Gray	ReelTuff Box	500 ft	612825434061
5000UE 0081000	Gray	Reel	1,000 ft	612825336310
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
5000UE 002Z1000	Red	ReelTuff Box	1,000 ft	612825432852
5000UE 002Z1000	Red	ReelTuff Box	1,000 ft	612825432852

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