



Product: [5100UE](#)

Security & Sound, 2 Conductor 14 AWG, BC, CL3R, FPLR

### Product Description

Security & Commercial Audio Cable, Riser-CL3R-FPLR, 2-14 AWG stranded bare copper conductors with polypropylene 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)
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#### Construction Details

##### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	14 AWG	19x26	BC - Bare Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.011 in (0.28 mm)	0.092 in (2.3 mm)	Black, White

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.218 in (5.54 mm)	Yes

Overall Cable Diameter (Nominal):	0.218 in (5.54 mm)
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	2.53 Ohm/1000ft	22 pF/ft (72 pF/m)	25 Amps per conductor @ 30°C

##### Voltage

UL Voltage Rating
300 V (CL3R, FPLR)

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
75°C	-20°C to +75°C

##### Bend Radius

Stationary Min.	Installation Min.
2.2 in (56 mm)	2.2 in (56 mm)

Max. Pull Tension:	95 lbs (43 kg)
Bulk Cable Weight:	33 lbs/1000ft

#### 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 2015/863/EU (RoHS 2 amendment), 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:	6100UH

## History

Update and Revision:	Revision Number: 0.518 Revision Date: 12-22-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
5100UE 0101000	Black	Reel	1,000 ft	612825423324	C
5100UE 010Z1000	Black	ReelTuff Box	1,000 ft	612825156369	
5100UE.00152	Chrome	Reel	152 m	8719605007742	
5100UE.00305	Chrome	Reel	305 m	8719605007759	
5100UE.00U305	Chrome	Reel	305 m	8719605007773	
5100UE.00500	Chrome	Reel	500 m	8719605007766	
5100UE 008500	Gray	Reel	500 ft	612825156314	C
5100UE 0081000	Gray	Reel	1,000 ft	612825156338	C
5100UE 008U1000	Gray	UnReel	1,000 ft	612825423317	
5100UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825156345	
5100UE 0021000	Red	Reel	1,000 ft	612825423300	C
5100UE 002Z1000	Red	ReelTuff Box	1,000 ft	612825156321	

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