


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)

Electrical Characteristics
Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Conductor(s)	2.53 Ohm/1000ft	22 pF/ft (72 pF/m)	0.15 μ H/ft (0.49 μ H/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
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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: 0.520 Revision Date: 09-07-2025

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	UnReel	305 m	8719605007773	
5100UE.K0305	Chrome	Reel	305 m	8719605007780	
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	

Footnote: C - CRATE REEL PUT-UP.

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