

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)

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	14 AWG	19x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PP - Polypropylene	0.011 in (0.28 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	Max. Current
Conductor(s)	2.53 Ohm/1000ft (8.30 Ohm/km)	22 pF/ft (72 pF/m)	8 Amps per conductor @ 25°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
Bulk Cable Weight:	33 lbs/1000ft (49 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, 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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6100UH

History

Update and Revision:	Revision Number: 0.354 Revision Date: 12-15-2021

Variants

Item #	Color	Putup Type	Length	UPC/EAN
5100UE 0101000	Black	Reel	1,000 ft	612825423324
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
5100UE 0081000	Gray	Reel	1,000 ft	612825156338
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
5100UE 002Z1000	Red	ReelTuff Box	1,000 ft	612825156321

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