



Product: [5100UH](#) 

Security & Sound, 2 Conductor 14 AWG, TC, CMR

Product Description

Security & Commercial Audio Cable, Riser-CL3R-FPLR, 2-14 AWG stranded tinned copper conductors with polyolefin 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	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.011 in (0.28 mm)	0.098 in (2.5 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)	0.230 in	Yes

Overall Cable Diameter (Nominal):	0.230 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
2.53 Ohm/1000ft	22 pF/ft (72 pF/m)	0.15 µH/ft (0.49 µH/m)	8 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
2.3 in (58 mm)	2.3 in

Max. Pull Tension:	95 lbs (43 kg)
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Bulk Cable Weight:	37 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4
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: 0.283 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
5100UH 0101000	Black	Reel	1,000 ft	612825156437
5100UH 008500	Gray	Reel	500 ft	612825156352
5100UH 0081000	Gray	Reel	1,000 ft	612825156376
5100UH 008U1000	Gray	UnReel	1,000 ft	612825156383

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