




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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
14	19x27	TC - Tinned Copper	2

Conductor Count:	2
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.011 in

Color Chart

Number	Color
1	Black
2	White

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.53 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
22 pF/ft

Inductance

Nominal Inductance
0.15 μ H/ft

Current

Max. Recommended Current [A]

8 Amps per Conductor at 25°C

Voltage**UL Voltage Rating**

300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	35 lbs/1000ft
Max. Pull Tension:	95 lbs
Min Bend Radius/Minor Axis:	2.50 in

Standards

NEC Articles:	Article 725, Article 760
NEC/(UL) Compliance:	CL3R, FPLR

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1666 Vertical Riser
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	N
Plenum Number:	6100UH

Part Number**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

History

Update and Revision:	Revision Number: 0.86 Revision Date: 06-24-2020
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