



Product: [5102UE](#)

Security & Sound, #14-4c, BC, CL3R

Product Description

Security & Sound Cable, Riser-CL3R, 4-14 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls
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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	14	19x27	BC - Bare Copper	4

Conductor Count:	4
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Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	PP - Polypropylene	0.011 in

Color Chart

Color
Black
White
Red
Green

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.266 in	0.017 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.53 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
22 pF/ft

Current

Max. Recommended Current [A]
6.4 Amps per conductor @ 25°C A

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:	69 lbs/1000ft
Max Recommended Pulling Tension:	190 lbs
Min Bend Radius/Minor Axis:	2.625 in

Standards

NEC Articles:	725
NEC/(UL) Specification:	CL3R
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6102UE

Part Number

Variants

Item #	Color	Putup Type	Length	UPC/EAN
5102UE 0081000	Gray			612825156680
5102UE 008500	Gray			612825156697
5102UE.00305	Gray	Reel	305 m	8719605007834

Footnote: C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.220 Revision Date: 05-11-2020
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