



**Product:** [5102UE](#)

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

## Product Description

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

## Technical Specifications

### Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls
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### Construction Details

#### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	4	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, Red, Green

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.266 in (6.76 mm)	Yes

Overall Cable Diameter (Nominal):	0.266 in (6.76 mm)
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### 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)	6.4 Amps per conductor @ 25°C

#### Voltage

UL Voltage Rating
300 V (CL3R)

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
75°C	-20°C to +75°C

#### Bend Radius

Stationary Min.	Installation Min.
2.7 in (69 mm)	2.7 in (69 mm)

Max. Pull Tension:	190 lbs (86 kg)
Bulk Cable Weight:	62 lbs/1000ft (92 kg/km)

### Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, IEEE 1202 FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL3R
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6102UE

## History

Update and Revision:	Revision Number: 0.277 Revision Date: 02-08-2022
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## Part Numbers

### Variants

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

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