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## General Description:

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

## Physical Characteristics (Overall)

### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	14	19x27	BC - Bare Copper

Total Number of Conductors: 4

### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.279

### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

Outer Jacket Ripcord: Yes

### Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)
120.649525

Overall Cabling Color Code Chart:

Color
Black
White
Red
Green

Overall Nominal Diameter: 6.756 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	102.686 Kg/Km
Max. Recommended Pulling Tension:	845.158 N
Min. Bend Radius/Minor Axis:	66.675 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3R
NEC Articles:	725
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes

## METRIC MEASUREMENT VERSION

## 5102UE Multi-Conductor - Commercial Applications

EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

### Flame Test

UL Flame Test:	UL1666 Vertical Riser
CSA Flame Test:	FT4

### Plenum/Non-Plenum

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

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)  
72.182

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)  
8.30093

#### Max. Operating Voltage - UL:

Voltage  
300 V RMS

#### Max. Recommended Current:

Current  
6.4 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5102UE 0081000	1,000 FT	66.000 LB	GRAY	C	4 #14 PP FRPVC
5102UE 008500	500 FT	35.000 LB	GRAY		4 #14 PP FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

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