

Part Number: 6102UE



Security & Sound, #14-4c, BC, CL2P

Product Description

Security & Sound Cable, Plenum-CL2P 4-14 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
14	19x27	BC - Bare Copper	4

Conductor Count:	4
Conductor Size:	14 AWG

Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.01 in

Color Chart

Color
Black
White
Red
Green

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.257	0.015 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.53 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
37 pF/ft

Shielding:	Unshielded
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Inductance

Nominal Inductance
0.15 µH/ft

Current

Max. Recommended Current [A]

6.4 Amps per conductor @ 25°C A

Voltage

UL Voltage Rating

150 V RMS

Temperature Range

Operating Temp Range: 0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight: 69.1 lbs/1000ft

Max Recommended Pulling Tension: 190 lbs

Min Bend Radius/Minor Axis: 2.5 in

Standards

CEC/C(UL) Specification: CMP

CPR Euroclass: Eca

Applicable Environmental and Other Programs

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-04-01

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flammability, LS0H, Toxicity Testing

C(UL) Flammability: FT6

UL Flammability: NFPA 262 Plenum Flame Test (UL910)

UL voltage rating: 150 V RMS

Plenum/Non-Plenum

Plenum (Y/N): Yes

Part Number

Non-Plenum Number: 5102UE

Variants

Item #	Color	Footnote
6102UE 8771000	Natural	C

Footnote: C - CRATE REEL PUT-UP.

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