Product: 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

Product Overview

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

Physical Characteristics (Overall)

Conductor

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

Insulation

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

Color Chart

Color
Black
White
Red
Green

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	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

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
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	150 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes

Part Number

Non-Plenum Number:	5102UE

Variants

Item #	Color	UPC
6102UE 8771000	Natural	612825173595

Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.212 Revision Date: 04-28-2020