



Product: [6002UE](#)

Security & Sound, #12-4c, BC, CL2P

Product Description

Security & Sound Cable, Plenum-CL2P 4-12 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
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Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
12	19x25	BC - Bare Copper	4
Conductor Count:			4

Insulation		
Material	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.01 in

Color Chart

Color
Black
White
Red
Green

Outer Shield

Material
No Shield

Outer Jacket				
Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.304 in	0.018 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
1.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
39 pF/ft

Current

Max. Recommended Current [A]
9.6 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
150 V RMS

Temperature Range

Operating Temp Range:	0°C To +75°C
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Mechanical Characteristics

Bulk Cable Weight:	106 lbs/1000ft
Max. Pull Tension:	304 lbs
Min. Bend Radius/Minor Axis:	3.1 in

Standards

NEC/(UL) Compliance:	CL2P
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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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
UL voltage rating:	150 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	5002UE
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Variants

Item #	Color	UPC
6002UE 8771000	Natural	612825171812

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.287 Revision Date: 08-27-2021
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