

Product: [6001UE](#) 



Security & Sound, 3 Conductor 12 AWG BC, Plenum

Product Description

Security & Commercial Audio Cable, 3 Conductor 12 AWG stranded (19x25) bare copper conductors with Flamarrest® insulation, Plenum, Flamarrest® jacket with ripcord.

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
12	19x25	BC - Bare Copper	3

Conductor Count:	3
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Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.011 in

Color Chart

Number	Color
1	Black
2	White
3	Red

Outer Shield

Material
No Shield

Outer Jacket

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.273 in	0.015 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
1.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
36 pF/ft

Current

Max. Recommended Current [A]

12 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
150 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	78.5 lbs/1000ft
Max. Pull Tension:	228 lbs
Min. Bend Radius/Minor Axis:	2.75 in

Standards

NEC Articles:	Article 725
NEC/(UL) Compliance:	CL2P

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Plenum
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
UL voltage rating:	150 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	5001UE
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Variants

Item #	Color	Put-Up Type	Length	UPC
6001UE 8771000	Natural	Reel	1,000 ft	612825171799

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.345 Revision Date: 08-27-2021
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