

Product: [6000UE](#)

Security & Sound, 2 Conductor 12 AWG, BC, CMP



Product Description

Security & Commercial Audio Cable, Plenum-CL2P 2-12 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

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

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	12	19x25	BC - Bare Copper	2

Conductor Count: 2

Insulation

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

Color Chart

Number	Color
1	Black
2	White

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®	0.252 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

Inductance

Nominal Inductance
0.14 μ H/ft

Current

Max. Recommended Current [A]
Per conductor @ 25°C: 12 A

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:	52 lbs/1000ft
Max Recommended Pulling Tension:	152 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

NEC Articles:	725
NEC/(UL) Specification:	CL2P
CPR Euroclass:	Eca

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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
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

UL Flammability:	NFPA 262
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	150 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	5000UH
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Variants

Item #	Color	Putup Type	Length	UPC
6000UE 010Z500	Black	ReelTuff Box	500 ft	612825166108
6000UE 0101000	Black	Reel	1,000 ft	612825432913
6000UE 010Z1000	Black	ReelTuff Box	1,000 ft	612825434108
6000UE 010Z1000	Black	ReelTuff Box	1,000 ft	612825434108
6000UE 877500	Natural	Reel	500 ft	612825383116
6000UE 877Z500	Natural	ReelTuff Box	500 ft	612825166122
6000UE 8771000	Natural	Reel	1,000 ft	612825166115
6000UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825434122
6000UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825434122
6000UE 0121000	Pink	Reel	1,000 ft	612825337904

Footnote:

C - CRATE REEL PUT-UP.

History

Update and Revision:

Revision Number: 0.273 Revision Date: 05-11-2020

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