Product: 6501UE

Security & Sound, 3 Conductor 22 AWG BC, Plenum

Product Description

Security & Commercial Audio Cable, 3 Conductor 22 AWG stranded (7x30) bare copper conductors with Flamarrest® insulation, Plenum, Flamarrest® jacket with ripcord.

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	BC - Bare Copper	3

Conductor Count:	3

Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC-LS - Polyvinyl Chloride (Low Smoke)	Flamarrest®	0.009 in

Color Chart

Number	Color
1	Black
2	Red
3	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®	0.131 in	0.015 in	Yes

Construction and Dimensions

Cabling

Twists
4.8 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.1 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
25 pF/ft

Current

Max. Recommended Current [A]
2.8 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	13.3 lbs/1000ft
Max. Pull Tension:	27.3 lbs
Min Bend Radius/Minor Axis:	1.3 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP

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 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
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes

Part Number

Non-Plenum Number:	5501UE

Variants

Item #	Color	Putup Type	Length	UPC
6501UE 8771000	Natural	Reel	1,000 ft	612825177531
6501UE 877U1000	Natural	UnReel	1,000 ft	612825424031
6501UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825177555

History

Update and Revision:	Revision Number: 0.269 Revision Date: 06-24-2020

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