Product: 6520UE ☑

Security & Sound, 2 Conductor 22 AWG BC, Plenum

Product Description

Security & Commercial Audio Cable, 2 Conductor 22 AWG solid 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	Solid	BC - Bare Copper	2
Conductor Count:			2

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

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®	0.118 in	0.015 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
15.7 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
25 pF/ft

Inductance

Nominal Inductance
0.18 µH/ft

Current

Max. Recommended Current [A]
2.8 Amps per Conductor at 25ºC (10°C Temperature Rise)

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:	8.5 lbs/1000ft
Max. Pull Tension:	15.6 lbs
Min Bend Radius/Minor Axis:	1.2 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:	5520UE

Variants

Item #	Color	Putup Type	Length	UPC
6520UE 8771000	Natural	Reel	1,000 ft	612825178125

History

Update and Revision:	Revision Number: 0.268 Revision Date: 06-24-2020

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