

**Part Number: 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

Environmental Space:	Indoor - Plenum
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
Conductor Size:	22 AWG

#### Insulation

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

#### Color Chart

Number	Color
1	Black
2	Red
3	White

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.131 in	0.015 in	Yes

### Construction and Dimensions

#### Cabling

Lay Length	Twists
2.5 in	4.8 twist/ft

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
16.1 Ohm/1000ft

#### Capacitance

**Nom. Capacitance Conductor to Conductor**

25 pF/ft

Shielding: Unshielded

**Current****Max. Recommended Current [A]**

2.8 Amps per conductor @ 25°C

**Voltage****UL Voltage Rating**

300V 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 Recommended Pulling Tension: 27.3 lbs

Min Bend Radius/Minor Axis: 1.3 in

**Standards**

NEC Articles: 800

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMP

**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 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

CA Prop 65 (CJ for Wire &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

**Flammability, LSOH, 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
6501UE 8771000	NATURAL
6501UE 877U1000	NATURAL

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