



**Part Number: 6000UL**

Security & Sound, #12-2c, BC, FPLP

## Product Description

Security & Sound Cable , Plenum-FPLP, 2-12 AWG stranded bare copper conductors with Flamarrest® insulation, and Flamarrest® jacket with ripcord

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
12	19x25	BC - Bare Copper	2

Conductor Count: 2

#### Insulation

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

#### Color Chart

Number	Color
1	Black
2	Red

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.256 in	0.015 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
1.6 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
34.75 pF/ft

Shielding: Unshielded

#### Current

Max. Recommended Current [A]
Per conductor @ 25°C: 17.75 A

#### Voltage

UL Voltage Rating
300 V RMS

### Temperature Range

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:	2.6 in

## Standards

NEC Articles:	760
NEC/(UL) Specification:	FPLP

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/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):	2009-10-01
CA Prop 65 (CJ for Wire & Cable):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LSOH, Toxicity Testing

UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	Yes
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## Part Number

Non-Plenum Number:	5000UL
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## Variants

Item #	Color	Footnote
6000UL 0021000	Red	C

Footnote:	C - CRATE REEL PUT-UP.
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