

**Part Number: 6302UE**



**Security & Sound, #18-4c, BC, CMP**

**Product Description**

Security & Sound Cable, Plenum-CMP 4-18 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	4

Conductor Count:	4
Conductor Size:	18 AWG

**Insulation**

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.008 in

**Color Chart**

Color
Black
Red
White
Green

**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®	0.18 in	0.015 in	Yes

**Construction and Dimensions**

**Cabling**

Lay Direction	Twists
Left Hand	3.4 twist/ft

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
6.5 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor	
34 pF/ft	
Shielding:	Unshielded

## Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C (10C temperature rise): 4 A

## Voltage

UL Voltage Rating
300 V RMS

## Temperature Range

Installation Temp Range:	0°C To +75°C
Operating Temp Range:	-10°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	33 lbs/1000ft
Max Recommended Pulling Tension:	89.6 lbs
Min Bend Radius/Minor Axis:	1.8 in

## Standards

NEC Articles:	800
NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
CPR Euroclass:	Eca

## 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 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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262 Plenum Flame Test
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

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

Non-Plenum Number:	5302UE
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## Variants

Item #	Color	Footnote
6302UE 8771000	Natural	C
6302UE 877500	Natural	
6302UE 877C250	Natural	
6302UE 877U1000	Natural	
6302UE 877U500	Natural	

Footnote:	C - CRATE REEL PUT-UP.
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