

Part Number: 6304UE

Security & Sound, #18-6c, BC, CMP



Product Description

Security & Sound Cable, Plenum-CMP 6-18 AWG stranded bare copper conductors with Flammarrest® insulation, Flammarrest® jacket with ripcord

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
19	7x26	BC - Bare Copper	6

Conductor Size: 18 AWG

Insulation

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

Color Chart

Color
Black
Red
White
Green
Brown
Blue

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flammarrest®	0.216 in	0.015 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
34 pF/ft

Shielding: Unshielded

Current

Max. Recommended Current [A]
Per conductor @ 25°C: 3.5 A

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	0°C To +75°C
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Mechanical Characteristics

Bulk Cable Weight:	43.3 lbs/1000ft
Max Recommended Pulling Tension:	134.4 lbs
Min Bend Radius/Minor Axis:	2.25 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 (UL910)
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Y
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Part Number

Non-Plenum Number:	5304UE
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Variants

Item #	Color	Footnote
6304UE 8771000	Natural	C
6304UE 877U500	Natural	
6304UE 877500	Natural	

Footnote:	C - CRATE REEL PUT-UP.
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