



Product: [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

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	4	18	7x26	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	0.047 in (1.2 mm)	Black, Red, White, Green

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.18 in (4.6 mm)	Yes

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
6.79 Ohm/1000ft	34 pF/ft (110 pF/m)	4 Amps per Conductor at 25°C (10°C Temperature Rise)

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating	Installation
75°C	-10°C To +75°C	0°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.8 in (46 mm)	1.8 in (46 mm)

Max. Pull Tension:	83.2 lbs (37.7 kg)
Bulk Cable Weight:	30 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
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Flammability / Reaction to Fire:	NFPA 262 (UL910), FT6, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5302UE

History

Update and Revision:	Revision Number: 0.436 Revision Date: 04-03-2023
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Part Numbers

Variants

Item #	Color	UPC
6302UE 8771000	Natural	612825340232
6302UE 877500	Natural	612825175391
6302UE 877C250	Natural	
6302UE 877U1000	Natural	612825175377
6302UE 877U500	Natural	612825175384

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