

Product: 6304UE

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

Product Description

Security & Sound Cable, Plenum-CMP, 6-18 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

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	6	18 AWG	7x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.008 in (0.20 mm)	Black, Red, White, Green, Brown, Blue

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.216 in (5.49 mm)	Yes

Overall Cable Diameter (Nominal):	0.216 in (5.49 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.5 Ohm/1000ft (21 Ohm/km)	34 pF/ft (110 pF/m)	3.5 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMP)

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
2.2 in (56 mm)	2.2 in (56 mm)

Max. Pull Tension:	134 lbs
Bulk Cable Weight:	43 lbs/1000ft (64 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), 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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5304UE

History

Update and Revision:	Revision Number: 0.282 Revision Date: 12-15-2021

Variants

Item #	Color	UPC
6304UE 8771000	Natural	612825175520
6304UE 877U500	Natural	612825175513
6304UE 877500	Natural	612825175537

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