REPRESENTATIVE IMAGE

Product: [6301UE](#) ⧉

Security & Sound, 3 Conductor 18 AWG BC, CMP

Product Description

Security & Commercial Audio Cable, Plenum-CMP, 3-18 AWG stranded (7x26) bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	18 AWG	7x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	0.061 in (1.5 mm)	Black, Red, White

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.163 in (4.14 mm)	Yes

Overall Cable Diameter (Nominal):	0.163 in (4.14 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.5 Ohm/1000ft	34 pF/ft (110 pF/m)	14 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
1.6 in (41 mm)	1.6 in (41 mm)

Max. Pull Tension:	67 lbs (30 kg)
Bulk Cable Weight:	23 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, 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:	5301UE

History

Update and Revision:	Revision Number: 0.487 Revision Date: 04-28-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6301UE 877500	Natural	Reel	500 ft	612825175209
6301UE 8771000	Natural	Reel	1,000 ft	612825175223
6301UE 877U1000	Natural	UnReel	1,000 ft	612825427308
6301UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825175247