

Product: 6300UE

Security & Sound, 2 Conductor 18 AWG BC, CMP

Product Description

Security & Commercial Audio Cable, 2 Conductor 18 AWG stranded (7x26) bare copper conductors with Flamarrest® insulation, Plenum-CMP, 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)	2	18 AWG	7x26	BC - Bare Copper

Insulation

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.154 in (3.91 mm)	Yes

Overall Cable Diameter (Nominal):	0.154 in (3.91 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)	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.
1.5 in (38 mm)	1.5 in (38 mm)

Max. Pull Tension:	45 lbs (20 kg)
Bulk Cable Weight:	17 lbs/1000ft (25 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:	5300UE

History

Update and Revision:	Revision Number: 0.351 Revision Date: 02-08-2022

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6300UE 010C100	Black	Coil	100 ft	612825174967
6300UE 010U250	Black	UnReel	250 ft	612825174981
6300UE 010U500	Black	UnReel	500 ft	612825421795
6300UE 010Z500	Black	ReelTuff Box	500 ft	612825175018
6300UE 0101000	Black	Reel	1,000 ft	612825175001
6300UE 010U1000	Black	UnReel	1,000 ft	612825174974
6300UE 010Z1000	Black	ReelTuff Box	1,000 ft	612825435372
6300UE 0105000	Black	Reel	5,000 ft	612825174950
6300UE D151000	Blue	Reel	1,000 ft	612825421719
6300UE D15Z1000	Blue	ReelTuff Box	1,000 ft	612825175063
6300UE 008U500	Gray	UnReel	500 ft	612825421771
6300UE 0081000	Gray	Reel	1,000 ft	612825174882
6300UE 008U1000	Gray	UnReel	1,000 ft	612825174899
6300UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825350514
6300UE 005Z1000	Green	ReelTuff Box	1,000 ft	612825174875
6300UE 0051000	Green, Dark	Reel	1,000 ft	612825421757
6300UE 3371000	Green, Light	Reel	1,000 ft	612825340225
6300UE 877500	Natural	Reel	500 ft	612825340218
6300UE 877U500	Natural	UnReel	500 ft	612825421818
6300UE 8771000	Natural	Reel	1,000 ft	612825175049
6300UE 877U1000	Natural	UnReel	1,000 ft	612825175032
6300UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825350477
6300UE 0031000	Orange	Reel	1,000 ft	612825421733
6300UE 003Z1000	Orange	ReelTuff Box	1,000 ft	612825174868
6300UE 012U1000	Pink	UnReel	1,000 ft	612825421801
6300UE 012Z1000	Pink	ReelTuff Box	1,000 ft	612825175025
6300UE 0021000	Red	Reel	1,000 ft	612825421726
6300UE 002Z1000	Red	ReelTuff Box	1,000 ft	612825350491
6300UE 0071000	Violet	Reel	1,000 ft	612825421764
6300UE 007Z1000	Violet	ReelTuff Box	1,000 ft	612825174905
6300UE 009C100	White	Coil	100 ft	612825174929
6300UE 009U250	White	UnReel	250 ft	612825174943
6300UE 009U500	White	UnReel	500 ft	612825421788
6300UE 009Z500	White	ReelTuff Box	500 ft	612825174998
6300UE 009U1000	White	UnReel	1,000 ft	612825174936
6300UE 0091000	White	Reel	1,000 ft	612825174912
6300UE 009Z1000	White	ReelTuff Box	1,000 ft	612825445357
6300UE 0041000	Yellow	Reel	1,000 ft	612825174851
6300UE 004U1000	Yellow	UnReel	1,000 ft	612825421740
6300UE 004Z1000	Yellow	ReelTuff Box	1,000 ft	612825350507

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