

Product: 6200UE

Security & Sound, 2 Conductor 16 AWG, BC, CMP

Product Description

Security & Commercial Audio Cable, Plenum-CMP 2-16 AWG stranded 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)	2	16 AWG	19x29	BC - Bare Copper

Insulation

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.176 in (4.47 mm)	Yes

Overall Cable Diameter (Nominal):	0.176 in (4.47 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	3.8 Ohm/1000ft (12 Ohm/km)	36.5 pF/ft (120 pF/m)	6.25 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.
1.8 in (46 mm)	1.8 in (46 mm)

Max. Pull Tension:	61 lbs (28 kg)
Bulk Cable Weight:	23 lbs/1000ft (34 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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5200UH

History

Update and Revision:	Revision Number: 0.349 Revision Date: 12-19-2022

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6200UE 010U250	Black	UnReel	250 ft	612825340126
6200UE 010U500	Black	UnReel	500 ft	612825421689
6200UE 010Z500	Black	ReelTuff Box	500 ft	612825426202
6200UE 0101000	Black	Reel	1,000 ft	612825174035
6200UE 010U1000	Black	UnReel	1,000 ft	612825174042
6200UE 010Z1000	Black	ReelTuff Box	1,000 ft	612825435310
6200UE D151000	Blue	Reel	1,000 ft	612825421672
6200UE D15Z1000	Blue	ReelTuff Box	1,000 ft	612825174080
6200UE 008U1000	Gray	UnReel	1,000 ft	612825421641
6200UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825351078
6200UE 005Z1000	Green	ReelTuff Box	1,000 ft	612825173984
6200UE 0051000	Green, Dark	Reel	1,000 ft	612825421627
6200UE 877U250	Natural	UnReel	250 ft	612825421665
6200UE 877500	Natural	Reel	500 ft	612825340133
6200UE 8771000	Natural	Reel	1,000 ft	612825174073
6200UE 877U1000	Natural	UnReel	1,000 ft	612825174066
6200UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825351030
6200UE 0031000	Orange	Reel	1,000 ft	612825421603
6200UE 003Z1000	Orange	ReelTuff Box	1,000 ft	612825173977
6200UE 012Z1000	Pink	ReelTuff Box	1,000 ft	612825340140
6200UE 0021000	Red	Reel	1,000 ft	612825421597
6200UE 002Z1000	Red	ReelTuff Box	1,000 ft	612825351054
6200UE 0071000	Violet	Reel	1,000 ft	612825421634
6200UE 007Z1000	Violet	ReelTuff Box	1,000 ft	612825173991
6200UE 009U250	White	UnReel	250 ft	612825174028
6200UE 009Z250	White	ReelTuff Box	250 ft	612825439332
6200UE 009U500	White	UnReel	500 ft	612825421658
6200UE 009Z500	White	ReelTuff Box	500 ft	612825439349
6200UE 009Z750	White	ReelTuff Box	750 ft	612825174059
6200UE 009U1000	White	UnReel	1,000 ft	612825174011
6200UE 0091000	White	Reel	1,000 ft	612825174004
6200UE 009Z1000	White	ReelTuff Box	1,000 ft	612825439325
6200UE 0041000	Yellow	Reel	1,000 ft	612825421610
6200UE 004Z1000	Yellow	ReelTuff Box	1,000 ft	612825351061

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