



Product: [6200UE](#) 

Security & Sound, 2 Conductor 16 AWG, BC, Unshielded, 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
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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	16	19x29	BC - Bare Copper	2

Conductor Count:	2
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Insulation

Element	Material	Material Trade Name	Nominal Wall Thickness
Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	Flamarrest®	0.009 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	Flamarrest®	0.184 in	0.015 in	Yes

Construction and Dimensions

Cabling

Lay Direction	Twists
Left Hand	4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
3.8 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

36.5 pF/ft

Inductance

Nominal Inductance
0.145 µH/ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C ambient: 6.25 A

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	24 lbs/1000ft
Max Recommended Pulling Tension:	60.8 lbs
Min Bend Radius/Minor Axis:	2.0 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Plenum
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
CSA Flammability:	FT6
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Y
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Part Number

Non-Plenum Number:	5200UH
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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

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.277 Revision Date: 05-11-2020
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