



Part Number: 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

Environmental Space:	Indoor - Plenum
Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	TC - Tinned Copper	2

Conductor Count:	2
Conductor Size:	16 AWG

Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.009 in

Color Chart

Number	Color
1	Black
2	White

Outer Shield Material

Material
Unshielded

Outer Jacket Material

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

Construction and Dimensions

Cabling

Lay Length	Lay Direction	Twists
3 in	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

Shielding:	Unshielded
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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
300V 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

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
CA Prop 65 (CJ for Wire & Cable):	Yes
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
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	Footnote
6200UE 0101000	BLACK	
6200UE 010U1000	BLACK	
6200UE 010U250	BLACK	
6200UE 010U500	BLACK	

6200UE D151000	BLUE	
6200UE 008U1000	GRAY	
6200UE 0051000	GREEN, DARK	
6200UE 8771000	NATURAL	C
6200UE 877500	NATURAL	
6200UE 877U1000	NATURAL	
6200UE 877U250	NATURAL	
6200UE 0031000	ORANGE	
6200UE 0021000	RED	
6200UE 0071000	VIOLET	
6200UE 009U1000	WHITE	
6200UE 009U250	WHITE	
6200UE 009U500	WHITE	
6200UE 0091000	WHITE	
6200UE 0041000	YELLOW	

Footnote:	C - CRATE REEL PUT-UP.
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