


Product: [6400UE](#) 

Security & Sound, 2 Conductor 20 AWG, BC, CMP



Product Description

Security & Commercial Audio Cable, Plenum-CMP 2-20 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

AWG	Stranding	Material	No. of Conductors
20	7x28	BC - Bare Copper	2

Conductor Count:	2
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Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC-LS - Polyvinyl Chloride (Low Smoke)	Flamarrest®	0.008 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®	0.134 in	0.015 in	Yes

Construction and Dimensions

Cabling

Twists
6 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
10.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

30 pF/ft

Inductance

Nominal Inductance

0.16 μ H/ft

Current

Max. Recommended Current [A]

3.75 Amps per Conductor at 25°C

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:	12 lbs/1000ft
Max. Pull Tension:	25.2 lbs
Min Bend Radius/Minor Axis:	1.5 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	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

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262
IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	5400UH
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Variants

Item #	Color	Putup Type	Length	UPC
6400UE 877C500	Natural	Coil	500 ft	612825176633
6400UE 877Z500	Natural	ReelTuff Box	500 ft	
6400UE 8771000	Natural	Reel	1,000 ft	612825176626
6400UE 877U1000	Natural	UnReel	1,000 ft	612825420064
6400UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825176664

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.273 Revision Date: 06-24-2020
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