

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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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	20 AWG	7x28	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	0.054 in (1.4 mm)	Black, Red

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.134 in	Yes

Overall Cable Diameter (Nominal): 0.134 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
10.2 Ohm/1000ft	30 pF/ft (98 pF/m)	0.16 µH/ft (0.52 µH/m)	3.75 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.34 in (34.0 mm)	1.34 in

Max. Pull Tension: 25.2 lbs (11.4 kg)

Bulk Cable Weight:	12 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), 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:	5400UH

History

Update and Revision:	Revision Number: 0.371 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
6400UE 877C500	Natural	Coil	500 ft	612825176633	
6400UE 877Z500	Natural	ReelTuff Box	500 ft		
6400UE 8771000	Natural	Reel	1,000 ft	612825176626	C
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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