



Product: [5500UE](#) 

Security & Sound, 2 Conductor 22 AWG, BC, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-22 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, Single Line Telephone
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	22 AWG	7x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.045 in (1.1 mm)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.123 in (3.12 mm)	Yes

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Conductor(s)	16.9 Ohm/1000ft (55.4 Ohm/km)	17 pF/ft (56 pF/m)	0.17 µH/ft (0.56 µH/m)	6 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.
1.2 in (30 mm)	1.2 in (30 mm)

Max. Pull Tension:	18 lbs (8.2 kg)
Bulk Cable Weight:	8 lbs/1000ft (12 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL 1666 Riser, IEEE 1202 FT4, IEC 60332-1-2

CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG.
European Directive Compliance:	EU CE Mark, 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)
Plenum Number:	6500UH

History

Update and Revision:	Revision Number: 0.659 Revision Date: 02-20-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN
5500UE.00152	Chrome	Reel	152 m	8719605008596
5500UE.00305	Chrome	Reel	305 m	8719605008602
5500UE.K0305	Chrome	Reel	305 m	8719605008619
5500UE 0081000	Gray	Reel	1,000 ft	612825162919
5500UE 008U1000	Gray	UnReel	1,000 ft	612825162902

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