

Product: 5200UE

Security & Sound, 2 Conductor 16 AWG, BC, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-16 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

Construction Details

Conductor

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

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PO - Polyolefin	0.008 in (0.20 mm)	0.073 in (1.9 mm)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.180 in (4.57 mm)	Yes

Overall Cable Diameter (Nominal):	0.180 in (4.57 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Conductor(s)	4.2 Ohm/1000ft	23 pF/ft (75 pF/m)	0.14 µH/ft (0.46 µH/m)	6.25 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMR)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
1.8 in (46 mm)	1.8 in (46 mm)

Max. Pull Tension:	59 lbs (27 kg)
Bulk Cable Weight:	24 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor

Flammability / Reaction to Fire:	UL 1666 Riser, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
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)
Plenum Number:	6200UE

History

Update and Revision:	Revision Number: 0.513 Revision Date: 02-20-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
5200UE 0101000	Black	Reel	1,000 ft	612825157458	
5200UE 010U1000	Black	UnReel	1,000 ft	612825421146	
5200UE 010Z1000	Black	ReelTuff Box	1,000 ft	612825157496	
5200UE 001U1000	Brown	UnReel	1,000 ft	612825421108	
5200UE.00152	Chrome	Reel	152 m	8719605008008	
5200UE.00305	Chrome	Reel	305 m	8719605008015	
5200UE.K0305	Chrome	Reel	305 m	8719605008022	
5200UE 008U500	Gray	UnReel	500 ft	612825421122	
5200UE 0081000	Gray	Reel	1,000 ft	612825157434	C
5200UE 008U1000	Gray	UnReel	1,000 ft	612825157427	
5200UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825350194	
5200UE 0021000	Red	Reel	1,000 ft	612825421115	C
5200UE 009U1000	White	UnReel	1,000 ft	612825421139	

Footnote:	C - CRATE REEL PUT-UP.

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