



**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
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**Construction Details**

**Conductor**

Element	Number of Element	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)
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**Electrical Characteristics**

**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	4.2 Ohm/1000ft	23 pF/ft (75 pF/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: 0.509 Revision Date: 04-13-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN
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 0061000	Blue, Light	Reel	1,000 ft	612825350187
5200UE 001U1000	Brown	UnReel	1,000 ft	612825421108
5200UE 001Z1000	Brown	ReelTuff Box	1,000 ft	612825157403
5200UE 0011000	Brown	Reel	1,000 ft	
5200UE.00152	Chrome	Reel	152 m	8719605008008
5200UE.00305	Chrome	Reel	305 m	8719605008015
5200UE 008500	Gray	Reel	500 ft	612825157410
5200UE 008U500	Gray	UnReel	500 ft	612825421122
5200UE 0081000	Gray	Reel	1,000 ft	612825157434
5200UE 008U1000	Gray	UnReel	1,000 ft	612825157427
5200UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825350194
5200UE 0051000	Green, Dark	Reel	1,000 ft	612825350170
5200UE 0031000	Orange	Reel	1,000 ft	612825350156
5200UE 0021000	Red	Reel	1,000 ft	612825421115
5200UE 002Z1000	Red	ReelTuff Box	1,000 ft	612825350149
5200UE 0071000	Violet	Reel	1,000 ft	612825336532
5200UE 009U1000	White	UnReel	1,000 ft	612825421139
5200UE 0091000	White	Reel	1,000 ft	612825157441
5200UE 009Z1000	White	ReelTuff Box	1,000 ft	612825157465
5200UE 0041000	Yellow	Reel	1,000 ft	612825350163

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