



Product: [25200UE](#)

Security & Sound, 2 Conductor 16 AWG BC, Armored

Product Description

Security & Commercial Audio Cable, Armored, 2 Conductor 16 AWG stranded (19x29) bare copper conductors with polyolefin insulation, PVC jacket.

Technical Specifications

Product Overview

Suitable Applications:	Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits
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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)	PP - Polypropylene	0.008 in (0.20 mm)	0.073 in (1.9 mm)	Black, Red

Outer Shield

Shield Type	Material	Coverage
Tape	Polyester	100%

Inner Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.184 in (4.67 mm)

Armor

Armor Type & Material	Armor Thickness	Diameter Over Armor
AIA - Aluminum Interlock Armor	0.025 in (0.64 mm)	0.387 in (9.83 mm)

Overall Cable Diameter (Nominal):	0.387 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
4.2 Ohm/1000ft	23 pF/ft (75 pF/m)	6.25 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
3.87 in (98.3 mm)	3.87 in

Max. Pull Tension:	200 lbs (91 kg)
Bulk Cable Weight:	65 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6200UE

History

Update and Revision:	Revision Number: 0.240 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
25200UE 0001000	None	Reel	1,000 ft	612825132066	C

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