



Part Number: 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

Environmental Space:	Indoor - Riser
Suitable Applications:	Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	BC - Bare Copper	2

Conductor Count:	2
Conductor Size:	16 AWG

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

Color Chart

Color
Black
Red

Inner Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.18 in	0.017 in

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material
Unjacketed

Construction and Dimensions

Armor

Type of Armor	Material	Thickness of Armoring Tape	Diameter over Armoring
Interlocked	Aluminum	0.104 in	0.387 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

23 pF/ft

Shielding: Unshielded

Inductance

Nominal Inductance

0.14 µH/ft

Current

Max. Recommended Current [A]

6.25 Amps per conductor @ 25°C ambient

Temperature Range

UL Temp Rating: 75°C

Operating Temp Range: -20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight: 65 lbs/1000ft

Max Recommended Pulling Tension: 200 lbs

Min Bend Radius/Minor Axis: 3.9 in

Standards

NEC Articles: 800

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMG

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive 2015/863/EU: Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-04-01

CA Prop 65 (CJ for Wire & Cable): Yes

Suitability

Suitability - Indoor: Yes

Flammability, LSOH, Toxicity Testing

C(UL) Flammability: FT4

UL Flammability: UL1666 Vertical Riser

Plenum/Non-Plenum

Plenum Number: 6200UE

Part Number

Variants

Item #	Color	Footnote
25200UE 0001000	None	C

Footnote: C - CRATE REEL PUT-UP.

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