

**Product:** [25100UE](#) 

Security &amp; Sound, 2 Conductor 14 AWG BC, Armored

## Product Description

Security & Commercial Audio Cable, Armored, 2 Conductor 14 AWG stranded (19x27) bare copper conductors with polyolefin insulation, PVC jacket.

## Technical Specifications

### Construction Details

#### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	14 AWG	19x26	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.011 in (0.28 mm)	0.092 in (2.3 mm)	Black, White

#### Outer Shield

Shield Type	Material	Coverage
Tape	Polyester	100%

#### Inner Jacket

Material	Nom. Thickness	Nom. Diameter	Color
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.230 in (5.84 mm)	Brown

#### Armor

Armor Type & Material	Armor Thickness	Diameter Over Armor
AIA - Aluminum Interlock Armor	0.025 in	0.45 in

Overall Cable Diameter (Nominal): 0.45 in (11 mm)

### Electrical Characteristics

#### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
2.53 Ohm/1000ft (8.30 Ohm/km)	22 pF/ft (72 pF/m)	0.15 µH/ft (0.49 µH/m)	8 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.
4.5 in (110 mm)	4.5 in (110 mm)

Max. Pull Tension:	200 lbs (91 kg)
Bulk Cable Weight:	81 lbs/1000ft (120 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser
NEC / UL Compliance:	Article 725, Article 760, CL3R, FPLR
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6100UE

History

Update and Revision:	Revision Number: 0.277 Revision Date: 01-15-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
25100UE 0001000	None	Reel	1,000 ft	612825132059	C

Footnote:	C - CRATE REEL PUT-UP.
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