



Product: [5345UE](#)

Security & Sound, #18-6pr, BC, CMR

Product Description
Security & Sound Cable, Riser-CMR, 6-18 AWG stranded bare copper pairs with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	6	18	7x26	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.0085 in (0.22 mm)	0.062 in (1.6 mm)	Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.33 in	Yes

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
6.93 Ohm/1000ft	29 pF/ft (95 pF/m)	3.5 Amps per Conductor at 20°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
3.3 in (84 mm)	3.3 in

Max. Pull Tension:	268.8 lbs (121.9 kg)
Bulk Cable Weight:	78 lbs/1000ft

Standards and Compliance

Flammability / Reaction to Fire:	UL 1666 riser, FT4
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NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
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:	6345UE

History

Update and Revision:	Revision Number: 0.300 Revision Date: 05-31-2024
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Part Numbers

Variants

Item #	Color	UPC
5345UE 0081000	Gray	612825161325

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