



Product: [5309UE](#) 

Security & Sound, #18-12c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 12-18 AWG stranded bare copper conductors 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	Number of Element	AWG	Stranding	Material
Conductor(s)	12	18	7x26	BC - Bare Copper

Insulation

Element	Material	Thickness	Color Code
Conductor(s)	PP - Polypropylene	0.009 in (0.23 mm)	Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Gray, Pink, Tan

Outer Jacket

Material	Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.293 in	Yes

Cable Diameter (Nominal):	0.293 in (7.44 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.5 Ohm/1000ft (21 Ohm/km)	21.5 pF/ft (70.5 pF/m)	3.5 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMR)

Mechanical Characteristics

Temperature

UL Rating	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
2.9 in (74 mm)	2.9 in (74 mm)

Max. Pull Tension:	269 lbs (122 kg)
Bulk Cable Weight:	61 lbs/1000ft (91 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL 1666 Riser, FT4
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:	6309UE

History

Update and Revision:	Revision Number: 0.272 Revision Date: 06-08-2021
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