


Product: [6301UE](#) 

Security & Sound, 3 Conductor 18 AWG BC, CMP



Product Description

Security & Commercial Audio Cable, 3 Conductor 18 AWG stranded (7x26) bare copper conductors with Flamarrest® insulation, Plenum-CMP, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	3	18	7x26	BC - Bare Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	0.009	Black, Red, White

Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	0.015 in	0.163 in	Yes

Cable Diameter (Nominal):	0.163 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.5 Ohm/1000ft	34 pF/ft	5 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMP)

Mechanical Characteristics

Temperature

UL Rating	Operating
75°C	0°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
1.625 in	1.6 in

Max. Pull Tension:	67 lbs
Bulk Cable Weight:	23 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Fire Resistance:	NFPA 262, UL 910 (Plenum), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5301UE

History

Update and Revision:	Revision Number: 0.308 Revision Date: 07-31-2020
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