



Product: <u>5301UE</u> ☑

Security & Sound, 3 Conductor 18 AWG, BC, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 3-18 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Product O												
Suitable Applications: Addressable Fire Systems, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification												
onstructi	ion Details											
Conductor												
Element	No. of Elements	s Size St	randing Mate	rial								
Conductor(s)		18 AWG 7x										
oulotion												
isulation Element Material Nom. Thickness Nom. Insulation Diameter Color Code												
	onductor(s) PO - Polyolefin 0.0				Black, Red, White							
Outer Jacket												
Material Nom. Thickness Nom. Diameter Ripcord												
PVC - Polyvinyl Chloride 0.017 in (0.43 mm) 0.167 in (4.24 mm) Yes												
Overall Cable Diameter (Nominal): 0.167 in (4.24 mm)												
Electrical	Characteristi	cs										
Electricals												
Element Nom. Conductor D		or DCR Nom.	CR Nom. Capacitance Cond-to-Cond		Max. Current							
Conductor(s) 6.5 Ohm/1000ft		20.25	20.25 pF/ft (66.44 pF/m)		Amps per conductor @) 25°C						
/oltage												
UL Voltage R	Rating											
300 V (CMR)												
viecnanica	al Characteri	STICS										
Femperature												
UL Temperat	ture Operating	9										
75°C	-20°C to +75	5°C										
Bend Radius												
Stationary M	in. Installation I	Min.										
1.7 in (43 mm	i) 1.7 in (43 mm	ו)										
Max. Pull Ten	ision:	67 lbs (30	67 lbs (30 kg)									
Bulk Cable W	eight:	22 lbs/100	22 lbs/1000ft									
Standards	and Complia	ance										

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL 1666 Riser, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6301UE

History

Update and Revision:

Revision Number: 0.499 Revision Date: 04-28-2023

Part Numbers

Variants

ltem #	Color	Putup Type	Length	UPC/EAN	Footnote
5301UE.00305	Gray	Reel	305 m	8719605171863	
5301UE 008500	Gray	Reel	500 ft	612825159476	
5301UE 0081000	Gray	Reel	1,000 ft	612825159490	С
5301UE 008U1000	Gray	UnReel	1,000 ft	612825423614	
5301UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825159513	

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