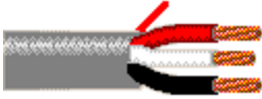


Part Number: 5301UE

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



Product Description

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

Technical Specifications

Product Overview

Environmental Space:	Indoor - Riser
Suitable Applications:	Addressable Fire Systems, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	3

Conductor Count:	3
Conductor Size:	18 AWG

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

Color Chart

Number	Color
1	Black
2	Red
3	White

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.167 in	0.017 in	Yes

Construction and Dimensions

Cabling

Twists
3.4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

20.25 pF/ft

Shielding: Multiple or Specialty

Current

Max. Recommended Current [A]

5 Amps per conductor @ 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	22 lbs/1000ft
Max Recommended Pulling Tension:	67.2 lbs
Min Bend Radius/Minor Axis:	1.625 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6301UE

Part Number

Variants

Item #	Color	Footnote
5301UE 0081000	Gray	C
5301UE 008500	Gray	
5301UE 008U1000	Gray	
5301UE.00305	Gray	

Footnote: C - CRATE REEL PUT-UP.

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