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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
18	7x26	BC - Bare Copper	6

Conductor Count:	12

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.33 in	0.018 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.55 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
29 pF/ft

Current

Max. Recommended Current [A]
3.5 Amps per Conductor at 20ºC

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	88.4 lbs/1000ft
Max. Pull Tension:	268.8 lbs
Min Bend Radius/Minor Axis:	3.3 in

Standards

NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

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
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT4
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6345UE

Part Number

Variants

Item #	Color	UPC
5345UE 0081000	Gray	612825161325

History

Update and Revision:	Revision Number: 0.217 Revision Date: 06-08-2020