




Product: [5300UE](#) 

Security & Sound, 2 Conductor 18 AWG, BC, Unshielded, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-18 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	2

Conductor Count:	2
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Insulation

Material	Nominal Wall Thickness
Polyolefin (PO, PE, PP)	0.008 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.158 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

21.5 pF/ft

Inductance

Nominal Inductance

0.145 µH/ft

Current

Max. Recommended Current [A]

Per conductor @ 25°C: 5 A

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:	15 lbs/1000ft
Max Recommended Pulling Tension:	45 lbs
Min Bend Radius/Minor Axis:	1.5 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 2015/863/EU:	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

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	N
Plenum Number:	6300UE

Part Number

Variants

Item #	Color	UPC	Length	Footnote
5300UE 0101000	Black	612825159162	1,000 ft	C
5300UE 010U1000	Black	612825421511	1,000 ft	
5300UE 010Z1000	Black	612825159254	1,000 ft	
5300UE 0061000	Blue, Light	612825350644	1,000 ft	
5300UE 001U1000	Brown	612825421450	1,000 ft	
5300UE 001Z1000	Brown	612825350682	1,000 ft	
5300UE.00152	Chrome		152 m	

5300UE.00305	Chrome		305 m	
5300UE.K0305	Chrome		305 m	
5300UE 0081000	Gray	612825159148	1,000 ft	C
5300UE 008500	Gray	612825159117	500 ft	
5300UE 008C500	Gray	612825336761	500 ft	
5300UE 008U1000	Gray	612825159124	1,000 ft	
5300UE 008U500	Gray	612825421498	500 ft	
5300UE 008Z1000	Gray	612825159155	1,000 ft	
5300UE 005Z1000	Green	612825350637	1,000 ft	
5300UE 0051000	Green, Dark	612825421474	1,000 ft	
5300UE 0021000	Red	612825421467	1,000 ft	
5300UE 002Z1000	Red	612825350552	1,000 ft	
5300UE 0071000	Violet	612825421481	1,000 ft	
5300UE 007Z1000	Violet	612825159131	1,000 ft	
5300UE 0091000	White	612825336778	1,000 ft	C
5300UE 009U1000	White	612825421504	1,000 ft	
5300UE 009Z1000	White	612825159179	1,000 ft	
5300UE 0041000	Yellow	612825350590	1,000 ft	

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.272 Revision Date: 04-02-2020
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