

Part Number: 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
Conductor Size:	18 AWG

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Material
Unshielded

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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

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

Part Number

Variants

Item #	Color	Footnote
5300UE 0101000	Black	C
5300UE 010U1000	Black	
5300UE 010Z1000	Black	
5300UE 010Z1000	Black	
5300UE 0061000	Blue, Light	
5300UE 0061000	Blue, Light	

5300UE 001U1000	Brown	
5300UE 001Z1000	Brown	
5300UE 001Z1000	Brown	
5300UE.00152	Chrome	
5300UE.00305	Chrome	
5300UE 0081000	Gray	C
5300UE 008500	Gray	
5300UE 008C500	Gray	
5300UE 008U1000	Gray	
5300UE 008U500	Gray	
5300UE 0083400	Gray	
5300UE 008Z1000	Gray	
5300UE 008Z1000	Gray	
5300UE 005Z1000	Green	
5300UE 005Z1000	Green	
5300UE 0051000	Green, Dark	
5300UE 0051000	Green, Dark	
5300UE 0021000	Red	
5300UE 0021000	Red	
5300UE 002Z1000	Red	
5300UE 002Z1000	Red	
5300UE 0071000	Violet	
5300UE 0071000	Violet	
5300UE 007Z1000	Violet	
5300UE 007Z1000	Violet	
5300UE 0091000	White	C
5300UE 009U1000	White	
5300UE 009Z1000	White	
5300UE 009Z1000	White	
5300UE 0041000	Yellow	
5300UE 0041000	Yellow	

Footnote:	C - CRATE REEL PUT-UP.

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