



Product: <u>5300UH</u> ☑

Security & Sound, 2 Conductor 18 AWG, TC, Riser

Product Description

Security & Commercial Audio Cable, 2 Conductor 18 AWG stranded (7x26) tinned copper conductors with polyolefin insulation, Riser, PVC jacket with ripcord.

Technical Specifications

Product Overview											
Suitable Applications:				Monitor/Det	tection,	Control (Circuits	Initiating (Circuits,	, Notifica	ation Circuits
Phys	Physical Characteristics (Overall)										
Condu	Conductor										
AWG	Stranding	Material	No. of Co	onductors							
18	7x26	TC - Tinned Copper	2								
Cond	uctor Count:			2							
Insula	tion										
	Material	Nominal Wall Thic	kness								
PP - F	PP - Polypropylene 0.008 in										
Color	Chart										
Numb	per Color										
1	1 Black										
2	Red										
Outer Shield Material											
Material											
No Shield											
Outer	Outer Jacket Material										
	Material	Nominal Wall	Thicknes	s							
PVC -	Polyvinyl Ch	loride 0.017 in									

Electrical Characteristics

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] 5 Amps per Conductor at 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:	15 lbs/1000ft
Max. Pull Tension:	45 lbs
Min. Bend Radius/Minor Axis:	1.75 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	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:	6300UH

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
5300UH 0101000	Black	Reel	1,000 ft	612825159278
5300UH 010U1000	Black	UnReel	1,000 ft	612825421559
5300UH 010Z1000	Black	ReelTuff Box	1,000 ft	612825159360
5300UH 0081000	Gray	Reel	1,000 ft	612825159247
5300UH 008U1000	Gray	UnReel	1,000 ft	612825159261
5300UH 009U1000	White	UnReel	1,000 ft	612825159285

History

Update and Revision:	Revision Number: 0.161 Revision Date: 06-18-2021

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