



Part Number: 83007

Hook-Up/Lead Wire UL AWM Style 1213, (1) 20 AWG (19x32) SPC, TFE, 105°C

Product Description

One 20 AWG stranded (19x32) silver plated copper conductor, TFE insulation.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
20	19x32	SPC - Silver Plated Copper	1
Total Number of Conductors:			1

Insulation:

Material	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.009 in

Outerjacket 1:

Nominal Diameter
0.058 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
9 Ohm/1000ft

Current:

Element	Max. Recommended Current [A]
Mil-Std-975M Table 3.16 (single wire)	6.5 amps

Voltage:

Description	Voltage Rating [V]
Mil-W-16878/4	600 V RMS

Use

Safety

UL Flammability:	VW-1
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Temperature Range

Operating Temp Range:	-70°C To +200°C
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Mechanical Characteristics

Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
MIL Spec Rating:	MIL Spec Rating
Military Specification:	Military Specification
UL Rating:	UL Rating
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

History

Product Variants

Part Number	Color	Put-Up Type	Length
83007 0011000	BROWN	Reel	1000 ft
83007 001100	BROWN	Reel	100 ft
83007 0021000	RED	Reel	1000 ft
83007 002100	RED	Reel	100 ft
83007 002500	RED	Reel	500 ft
83007 0031000	ORANGE	Reel	1000 ft
83007 003100	ORANGE	Reel	100 ft
83007 0041000	YELLOW	Reel	1000 ft
83007 004100	YELLOW	Reel	100 ft
83007 0051000	GREEN, DARK	Reel	1000 ft
83007 005100	GREEN, DARK	Reel	100 ft
83007 0061000	BLUE, LIGHT	Reel	1000 ft
83007 006100	BLUE, LIGHT	Reel	100 ft
83007 006500	BLUE, LIGHT	Reel	500 ft
83007 0071000	VIOLET	Reel	1000 ft
83007 007100	VIOLET	Reel	100 ft
83007 0081000	GRAY	Reel	1000 ft
83007 008100	GRAY	Reel	100 ft
83007 0091000	WHITE	Reel	1000 ft
83007 009100	WHITE	Reel	100 ft
83007 009500	WHITE	Reel	500 ft
83007 0101000	BLACK	Reel	1000 ft
83007 010100	BLACK	Reel	100 ft
83007 010500	BLACK	Reel	500 ft

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