

Part Number: 8503



Hook-Up/ Lead Wire (Type B) MIL-W-16878/1-PVC, (1) 22 AWG (7x30) TC, PVC

Product Description

One 22 AWG stranded (7x30) tinned copper conductor, PVC insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.05 in	0.01 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
13.75 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	11.0 A

Voltage

Voltage Rating [V]
600 V

Temperature Range

Non-UL Temp Rating:	105°C
Operating Temp Range:	-40°C To +105°C

Mechanical Characteristics

Bulk Cable Weight:	3 lbs/1000ft
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Standards

UL AWM Style:	N/A
Military Specification:	MIL-W-16878/1

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):	2006-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Part Number

Plenum (Y/N):	No
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Variants

Item #	Color
8503 010100	BLACK
8503 0101000	BLACK
8503 006100	BLUE, LIGHT
8503 0061000	BLUE, LIGHT
8503 001100	BROWN
8503 0011000	BROWN
8503 008100	GRAY
8503 0081000	GRAY
8503 005100	GREEN, DARK
8503 0051000	GREEN, DARK
8503 003100	ORANGE
8503 0031000	ORANGE
8503 002100	RED
8503 0021000	RED
8503 007100	VIOLET
8503 0071000	VIOLET
8503 009100	WHITE
8503 0091000	WHITE
8503 0141000	WHITE, BLACK STRIPE
8503 0181000	WHITE, BLUE STRIPE
8503 0191000	WHITE, BROWN STRIPE
8503 0211000	WHITE, GRAY STRIPE
8503 0161000	WHITE, GREEN STRIPE
8503 0151000	WHITE, RED STRIPE
8503 0221000	WHITE, VIOLET STRIPE
8503 0171000	WHITE, YELLOW STRIPE
8503 004100	YELLOW
8503 0041000	YELLOW

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