



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.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

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

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

Outerjacket 1:

Nominal Diameter
0.05 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 amps

Use

Safety

Temperature Range

Operating Temp Range:	-40°C To +105°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
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
8503 0011000	BROWN	Reel	1000 ft
8503 001100	BROWN	Reel	100 ft
8503 0021000	RED	Reel	1000 ft
8503 002100	RED	Reel	100 ft
8503 0031000	ORANGE	Reel	1000 ft
8503 003100	ORANGE	Reel	100 ft
8503 0041000	YELLOW	Reel	1000 ft
8503 004100	YELLOW	Reel	100 ft
8503 0051000	GREEN, DARK	Reel	1000 ft
8503 005100	GREEN, DARK	Reel	100 ft
8503 0061000	BLUE, LIGHT	Reel	1000 ft
8503 006100	BLUE, LIGHT	Reel	100 ft
8503 0071000	VIOLET	Reel	1000 ft
8503 007100	VIOLET	Reel	100 ft
8503 0081000	GRAY	Reel	1000 ft
8503 008100	GRAY	Reel	100 ft
8503 0091000	WHITE	Reel	1000 ft
8503 009100	WHITE	Reel	100 ft
8503 0101000	BLACK	Reel	1000 ft
8503 010100	BLACK	Reel	100 ft
8503 0141000	WHITE, BLACK STRIPE	Reel	1000 ft
8503 0151000	WHITE, RED STRIPE	Reel	1000 ft
8503 0161000	WHITE, GREEN STRIPE	Reel	1000 ft
8503 0171000	WHITE, YELLOW STRIPE	Reel	1000 ft
8503 0181000	WHITE, BLUE STRIPE	Reel	1000 ft
8503 0191000	WHITE, BROWN STRIPE	Reel	1000 ft
8503 0211000	WHITE, GRAY STRIPE	Reel	1000 ft
8503 0221000	WHITE, VIOLET STRIPE	Reel	1000 ft

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