

Product: 8530

Lead Wire, #22 Sol TC, PVC Ins, TYPE MW MIL-W-76C-PVC

Request Sample

Product Description

Low Temp Plastic Lead Wire, 22AWG (Solid) Tinned Copper, PVC Insulation, TYPE MW MIL-W-76C-PVC 1000V 80C

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, (Type MW) MIL-W-76C-Low Temp applications

Physical Characteristics (Overall)

Conductor

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

Conductor Count:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.059 in	0.017 in

Electrical Characteristics

Voltage

UL Voltage Rating
1000 V RMS

Temperature Range

Non-UL Temp Rating:	80°C

Mechanical Characteristics

Bulk Cable Weight:	3 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.24 in

Standards

Military Compliance:	MIL-W-76C Type MWP

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 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

CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:	N/A

Plenum/Non-Plenum

Plenum (Y/N):	No

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
8530 010100	Black	Reel	100 ft	612825213109
8530 0101000	Black	Reel	1,000 ft	612825213116
8530 006100	Blue, Light	Reel	100 ft	612825213048
8530 0061000	Blue, Light	Reel	1,000 ft	612825213055
8530 001100	Brown	Reel	100 ft	
8530 0081000	Gray	Reel	1,000 ft	612825213079
8530 005100	Green, Dark	Reel	100 ft	612825213024
8530 0051000	Green, Dark	Reel	1,000 ft	612825213031
8530 003100	Orange	Reel	100 ft	612825212980
8530 0031000	Orange	Reel	1,000 ft	612825212997
8530 002100	Red	Reel	100 ft	612825212966
8530 0021000	Red	Reel	1,000 ft	612825212973
8530 0071000	Violet	Reel	1,000 ft	612825213062
8530 009100	White	Reel	100 ft	612825213086
8530 0091000	White	Reel	1,000 ft	612825213093
8530 004100	Yellow	Reel	100 ft	612825213000
8530 0041000	Yellow	Reel	1,000 ft	612825213017

Footnote:	C - CRATE REEL PUT-UP., P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF $8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'.

History

Update and Revision:	Revision Number: 0.349 Revision Date: 05-05-2023

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