BELDEN
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Product: 8501

Lead Wire, #18 Str TC, PVC Ins, TYPE B MIL-W-16878/1

Request Sample

Product Description

Low Temp Plastic Lead Wire, 18AWG (7x26) Tinned Copper, PVC Insulation, TYPE B MIL-W-16878/1 600V 105C

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, (Type B) MIL-W-16878/1-Low Temp applications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	7x26.5	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.068 in	0.01 in

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

Non-UL Temp Rating:	105°C

Mechanical Characteristics

Bulk Cable Weight:	6.5 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.28 in

Standards

Military Compliance:	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 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
8501 010100	Black	Reel	100 ft	612825209362
8501 0101000	Black	Reel	1,000 ft	612825209379
8501 006100	Blue, Light	Reel	100 ft	612825209287
8501 0061000	Blue, Light	Reel	1,000 ft	612825209294
8501 001100	Brown	Reel	100 ft	612825209164
8501 0011000	Brown	Reel	1,000 ft	612825209171
8501 0081000	Gray	Reel	1,000 ft	612825209317
8501 005100	Green, Dark	Reel	100 ft	612825209263
8501 0051000	Green, Dark	Reel	1,000 ft	612825209270
8501 003100	Orange	Reel	100 ft	612825209225
8501 0031000	Orange	Reel	1,000 ft	612825209232
8501 002100	Red	Reel	100 ft	612825209201
8501 0021000	Red	Reel	1,000 ft	612825209218
8501 0071000	Violet	Reel	1,000 ft	612825209300
8501 009100	White	Reel	100 ft	612825209331
8501 0091000	White	Reel	1,000 ft	612825209348
8501 0141000	White, Black Stripe	Reel	1,000 ft	612825209386
8501 0181000	White, Blue Stripe	Reel	1,000 ft	612825209409
8501 0211000	White, Gray Stripe	Reel	1,000 ft	612825209423
8501 0201000	White, Orange Stripe	Reel	1,000 ft	612825209416
8501 0151000	White, Red Stripe	Reel	1,000 ft	612825209393
8501 004100	Yellow	Reel	100 ft	612825209249
8501 0041000	Yellow	Reel	1,000 ft	612825209256

Footnote:	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'., A - STOCKED STRIPE COLORS.

History

Update and Revision:	Revision Number: 0.342 Revision Date: 12-15-2021

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