BELDEN
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Product: 8505

Lead Wire, #26 Str TC, PVC Ins, TYPE B MIL-W-16878/1

Request Sample

Product Description

Low Temp Plastic Lead Wire, 26AWG (7x34) 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
26	7x34	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.039 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:	1.25 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.16 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
8505 010100	Black	Reel	100 ft	612825210566
8505 0101000	Black	Reel	1,000 ft	612825210573
8505 006100	Blue, Light	Reel	100 ft	612825210481
8505 0061000	Blue, Light	Reel	1,000 ft	612825210498
8505 001100	Brown	Reel	100 ft	612825210351
8505 0011000	Brown	Reel	1,000 ft	612825210368
8505 008100	Gray	Reel	100 ft	612825210528
8505 0081000	Gray	Reel	1,000 ft	612825210535
8505 005100	Green, Dark	Reel	100 ft	612825210467
8505 0051000	Green, Dark	Reel	1,000 ft	612825210474
8505 003100	Orange	Reel	100 ft	612825210405
8505 0031000	Orange	Reel	1,000 ft	612825210412
8505 002100	Red	Reel	100 ft	612825210382
8505 0021000	Red	Reel	1,000 ft	612825210399
8505 007100	Violet	Reel	100 ft	612825210504
8505 0071000	Violet	Reel	1,000 ft	612825210511
8505 009100	White	Reel	100 ft	612825210542
8505 0091000	White	Reel	1,000 ft	612825210559
8505 004100	Yellow	Reel	100 ft	612825210429
8505 0041000	Yellow	Reel	1,000 ft	612825210436

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'.

History

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

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