



Product: [32820](#) 

Lead Wire, #20 Str TC UNISTRAND, PVC Ins, AWM 1007 CSA TYPE TR-64

 [Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 20AWG (7x28) Tinned Copper Unistrand, PVC Insulation, AWM 1007 CSA TYPE TR-64 300V 90C VW-1

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, internal wiring of appliances
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Construction Details

Conductor

Size	Stranding	Material
20	7x28	TC - Tinned Copper (Uni-Strand®)

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.068 in (1.7 mm)

Electrical Characteristics

Voltage

UL Voltage Rating	Voltage Rating
300 V	300 V

Mechanical Characteristics

Temperature

UL Temperature
80°C

Bend Radius

Stationary Min.	Installation Min.
0.27 in (6.9 mm)	0.27 in (6.9 mm)

Bulk Cable Weight:	5 lbs/1000ft (7.4 kg/km)
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Standards and Compliance

Flammability / Reaction to Fire:	VW-1
AWM Compliance:	AWM 1007 (300 V 80°C), TR-64
Military Compliance:	N/A
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.388 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
32820 0095000	White	Reel	5,000 ft	612825143253	1 U Z

Footnote:	I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'. U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE), Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.
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