



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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	7x28	TC - Tinned Copper (Uni-Strand®)	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.068 in	0.016 in	0.015 in

Electrical Characteristics

Voltage

Non-UL Voltage Rating	UL Voltage Rating
300 V	300 V

Temperature Range

Non-UL Temp Rating:	90°C
UL Temp Rating:	80°C

Mechanical Characteristics

Bulk Cable Weight:	5 lbs/1000ft
Min. Bend Radius During Installation:	0.27 in

Standards

UL AWM Style Compliance:	AWM 1007 (300 V 80°C)
CSA Rating:	300 V RMS, 90°C
CSA AWM Compliance:	TR-64
CSA Type:	TR-64
Military Compliance:	N/A

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
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
32820 0095000	White	Reel	5,000 ft	612825143253

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.

History

Update and Revision:	Revision Number: 0.387 Revision Date: 02-03-2025
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