



Part Number: 32820

Hook-Up/Lead Wire UL AWM Style 1007, (1) 20 AWG (7x28) Uni-Strand TC, PVC, 300V, 80°C

[🛒 Request Sample](#)

Product Description

One 20 AWG stranded (7x28) Uni-Strand® tinned copper conductor, PVC insulation.

Technical Specifications

Physical Characteristics (Overall)

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

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

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Shielding:	Unshielded
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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
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Standards

UL AWM Style:	UL Style 1007 (300 V 80°C)
CSA Rating:	300 V RMS, 90°C
CSA AWM Specification:	TR-64
CSA Type:	TR-64
Military Specification:	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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes

EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-07-01
CA Prop 65 (CJ for Wire & Cable):	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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Part Number

Variants

Item #	Color	Footnote
32820 0095000	White	1 U Z

Footnote:	I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.
Footnote:	U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE)
Footnote:	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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