



Product: <u>9867</u> ☑

Lead Wire, #20 Str TC, Conductive PO/PO Ins, PVC Jkt, AWM 3239

Request Sample

Product Description

Low Temp Plastic Lead Wire, 20AWG (7x28) Tinned Copper, Conductive PO/PO Insulation, PVC Outer Jacket, AWM 3239 80C

Technical Specifications

Product Overview

riout	uct Overv	/ IC VV						
Suitable Applications:			internal wiri	ng of electroni	ic equipments	s, high volta	age applications	
Physi	ical Char	acteristics (Ove	rall)					
Condu	ctor							
AWG	Stranding	Material	No. of C	onductors				
20	7x28	TC - Tinned Copper	1					
Condu	ctor Count:			1				
Insulat	ion							
M	laterial	Nominal Wall Thick	ness					
PE - Polyethylene 0.051 in								
Table Notes:		.003 in. con	ductive polyet	hylene over	stranding.			
Outer J	Jacket							

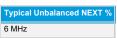
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.201 in	0.028 in

Electrical Characteristics

High Frequency (Nominal/Typical)

Nom. Insertion Loss
6 dB/100m
6 dB/100m
6 dB/100m
6 dB/100m

Unbalanced Crosstalk



Voltage

Breakdown Voltage	Non-UL Description	Non-UL Voltage Rating	UL Voltage Rating
60,000 V (DC)	AC (60 Hertz)	11,000 V RMS	30,000 V DC

Temperature Range

UL Temp Rating:	80°C
Operating Temperature Range:	-30°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	19 lbs/1000ft
Max. Pull Tension:	15 lbs
Min. Bend Radius/Minor Axis:	3 in

Standards

UL AWM Style Compliance:	AWM 3239

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 Flammability:	VW-1
UL voltage rating:	30,000 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No	
Fierium (1/14).	NO	

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
9867 002500	Red	Reel	500 ft	612825259749

History

Update and Revision:	Revision Number: 0.401 Revision Date: 02-03-2025

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