



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

roat	uct Overv	71C 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							

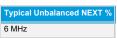
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.201 in	0.028 in

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
	112

Related Part Numbers

Variants

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

History

Update and Revision:	Revision Number: 0.400 Revision Date: 05-05-2023

© 2023 Belden, Inc

All Rights Reserved

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.