



Product: [83049](#)

Lead Wire, #22 Str SPC, TFE Ins, AWM 1371 105C TYPE ET

[Request Sample](#)

Product Description

High Temp Plastic Lead Wire, 22AWG (7x30) Silver Plated Copper, TFE Insulation, AWM 1371 105C TYPE ET MIL-W-16878/6 250V 200C

Technical Specifications

Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
22	7x30	SCC - Silver-coated Copper	1
Conductor Count:		1	

Insulation		
Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.042 in	0.006 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Current	
Max. Recommended Current [A]	
4.5 A	

Voltage	
Non-UL Voltage Rating	
250 V	

Temperature Range

Non-UL Temp Rating:	200°C
UL Temp Rating:	105°C

Mechanical Characteristics

Bulk Cable Weight:	3 lbs/1000ft
--------------------	--------------

Standards

UL AWM Style:	1371
Military Specification:	NEMA HP3, MIL-W-16878/6

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):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Part Number

Variants

Item #	Color	UPC	Length	Footnote
83049 010100	Black		100 ft	E
83049 0101000	Black	612825354925	1,000 ft	E S
83049 006100	Blue, Light		100 ft	E
83049 0061000	Blue, Light		1,000 ft	E S
83049 001100	Brown		100 ft	E
83049 0011000	Brown			E S
83049 0081000	Gray	612825399698	1,000 ft	E S
83049 008100	Gray			E
83049 005100	Green, Dark			E
83049 003100	Orange		100 ft	E
83049 0031000	Orange		1,000 ft	E S
83049 002100	Red		100 ft	E
83049 0021000	Red	612825353836	1,000 ft	E S
83049 007100	Violet		100 ft	E
83049 009100	White		100 ft	E
83049 0091000	White	612825399704	1,000 ft	E S
83049 004100	Yellow		100 ft	E
83049 0041000	Yellow		1,000 ft	E S

Footnote:	E - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'.
Footnote:	S - STRIPING ADDERS FOR TYPES E AND EE: 1, 2, 3 STRIPES. MINIMUM ORDER 10,000' PER STRIPE COMBINATION. (SEE STRIPING ADDER TABLE)

History

Update and Revision:	Revision Number: 0.260 Revision Date: 12-19-2019
----------------------	--

© 2020 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.