



**Product:** [39124](#)

Lead Wire, #24 Str TC, PPO Ins, AWM 11028 600V 105C VW-1

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 24AWG (7x32) Tinned Copper, PPO Insulation, AWM 11028 600V 105C VW-1

**Technical Specifications**

**Product Overview**

Suitable Applications:	Electrical panel builders, Electrical/electronic manufacturers, Appliance manufacturers, Furniture, Computer manufacturers, Automotive companies and their sub-suppliers
------------------------	--

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
24	7x32	TC - Tinned Copper	1

Conductor Count:	1
------------------	---

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.048 in	0.012 in

**Electrical Characteristics**

**Conductor DCR**

<b>Nominal Conductor DCR</b>
23.75 Ohm/1000ft

**Current**

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	8.5 Amps Single Conductor in Free Air

**Voltage**

<b>UL Voltage Rating</b>
600 V

**Temperature Range**

UL Temp Rating:	105°C
Operating Temp Range:	-40°C To +105°C Dry

**Mechanical Characteristics**

Bulk Cable Weight:	2 lbs/1000ft
--------------------	--------------

**Standards**

UL AWM Style Compliance:	AWM 11028
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 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):	2011-04-01
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

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

## Plenum/Non-Plenum

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

## Part Number

### Variants

Item #	Color	Putup Type	Length	UPC
39124 010100	Black	Reel	100 ft	612825150374
39124 0101000	Black	Reel	1,000 ft	612825150381
39124 0105000	Black	Reel	5,000 ft	612825150398
39124 013100	Blue, Dark	Reel	100 ft	612825150404
39124 0131000	Blue, Dark	Reel	1,000 ft	612825150411
39124 0135000	Blue, Dark	Reel	5,000 ft	612825150428
39124 001100	Brown	Reel	100 ft	612825150138
39124 0011000	Brown	Reel	1,000 ft	612825150145
39124 0015000	Brown	Reel	5,000 ft	612825150152
39124 008100	Gray	Reel	100 ft	612825150312
39124 0085000	Gray	Reel	5,000 ft	612825150336
39124 005100	Green, Dark	Reel	100 ft	612825150251
39124 0051000	Green, Dark	Reel	1,000 ft	612825150268
39124 0055000	Green, Dark	Reel	5,000 ft	612825150275
39124 003100	Orange	Reel	100 ft	612825150190
39124 0035000	Orange	Reel	5,000 ft	612825150213
39124 002100	Red	Reel	100 ft	612825150169
39124 0021000	Red	Reel	1,000 ft	612825150176
39124 0025000	Red	Reel	5,000 ft	612825150183
39124 007100	Violet	Reel	100 ft	612825150282
39124 0071000	Violet	Reel	1,000 ft	612825150299
39124 0075000	Violet	Reel	5,000 ft	612825150305
39124 009100	White	Reel	100 ft	612825150343
39124 0091000	White	Reel	1,000 ft	612825150350
39124 0095000	White	Reel	5,000 ft	612825150367
39124 004100	Yellow	Reel	100 ft	612825150220
39124 0045000	Yellow	Reel	5,000 ft	612825150244

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

## Product Notes

Notes:	Halogen-free.
--------	---------------

## History

Update and Revision:	Revision Number: 0.289 Revision Date: 06-08-2020
----------------------	--

© 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.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.