



**Part Number: 83047**

Hook-Up/Lead Wire UL AWM Style 1371, (1) 24 AWG (7x32) SPC, TFE, 105°C

[Request Sample](#)

**Product Description**

One 24 AWG stranded (7x32) silver plated copper conductor, TFE insulation.

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
24	7x32	SCC - Silver-coated Copper	1

Conductor Count:	1
Conductor Size:	24 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.036 in	0.006 in

**Outer Jacket Material**

<b>Material</b>
No Jacket

**Electrical Characteristics**

Shielding:	Unshielded
------------	------------

**Current**

<b>Max. Recommended Current [A]</b>
3.3 A

**Voltage**

<b>Non-UL Voltage Rating</b>
250 V

**Temperature Range**

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

**Mechanical Characteristics**

Bulk Cable Weight:	2.4 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	Footnote
83047 0101000	Black	E S
83047 0081000	Gray	E S
83047 0021000	Red	E S
83047 0091000	White	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)

© 2018 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.