



Part Number: 39116

Hook-Up/Lead Wire PPO, 600V, 105°C AWM Style 11032, (1) 16 AWG
(26x30) TC, PPO, 600V, 105°C

[Request Sample](#)

Product Description

One 16 AWG stranded (26x30) tinned copper conductor, polyphenylene oxide (PPO) insulation.

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
16	26x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	16 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.083 in	0.012 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
3.7 Ohm/1000ft

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

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	26.0 A

Voltage

UL Voltage Rating
600 V

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	10 lbs/1000ft
--------------------	---------------

Standards

UL AWM Style:	AWM 11028
---------------	-----------

Military Specification:	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
CA Prop 65 (CJ for Wire & Cable):	Yes
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	Footnote
39116 010100	Black	C
39116 0101000	Black	C
39116 0105000	Black	C Z
39116 013100	Blue, Dark	C
39116 0131000	Blue, Dark	C
39116 0135000	Blue, Dark	C Z
39116 001100	Brown	C
39116 0011000	Brown	C
39116 0015000	Brown	C Z
39116 008100	Gray	C
39116 0081000	Gray	C
39116 0085000	Gray	C Z
39116 005100	Green, Dark	C
39116 0055000	Green, Dark	C Z
39116 189100	Green, Yellow Stripe	C
39116 1891000	Green, Yellow Stripe	C
39116 1895000	Green, Yellow Stripe	C Z
39116 003100	Orange	C
39116 0035000	Orange	C Z
39116 002100	Red	C
39116 0021000	Red	C
39116 0025000	Red	C Z
39116 0075000	Violet	C Z
39116 009100	White	C
39116 0091000	White	C
39116 0095000	White	C
39116 004100	Yellow	C
39116 0041000	Yellow	C
39116 0045000	Yellow	C Z

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.

© 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.