

Customer Specification

PART NO. 781816

Construction

		Diameters (In)
1) Component 1	1 X 1 HOOKUP	
a) Conductor	18 (16/30) AWG TC	0.047
b) Insulation	0.032" Wall, Nom. PVC	0.111+/- 0.004
(1) Print	18 AWG EXXXXXX (UL) MTW OR AWM 1015/1230 105C 600V VW-1 LLXXXXX CSA AWM I A/B 105C 600V FT1 OR TEW 105C 600V FT1 <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i>	
(2) Color(s)	WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN ORANGE, SLATE, VOILET, PINK	

Applicable Specifications

1) UL	AWM/STYLE 1015	105°C / 600 V _{RMS}
	VW-1	
	AWM/STYLE 1230	105°C / 600 V _{RMS}
2) CSA International	MTW	90°C Dry / 60°C Wet / 600 V _{RMS}
	AWM I A/B	105°C / 600 V _{RMS}
	FT1	
	TEW-105	105°C / 600 V _{RMS}

Environmental

1) EU Directive 2002/95/EC(RoHS):	
	All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.
2) REACH Regulation (EC 1907/2006):	
	This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. For up-to-date information, please see Alpha's REACH SVHC Declaration.
3) California Proposition 65:	
	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	12.6 Lbs, Maximum
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	600 V _{RMS}
2) Inductance	0.07 μH/ft, Nominal
3) Conductor DCR	7.1 /1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 5000 FT	12 x 12 x 3.5 Continuous length
b) 2000 FT	12 x 4.5 x 3.5 Continuous length
c) 1000 FT	10 x 4 x 3.5 Continuous length
d) 500 FT	6.5 x 4 x 2.5 Continuous length
e) 100 FT	6.5 x 2 x 1.9 Continuous length
f) Bulk(Made-to-order)	
	<i>[Spool dimensions may vary slightly]</i>
Notes:	
a) Pink and put-ups other than 1000 and 500 ft. are available by special order only and minimums may apply.	

www.alphawire.com

Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207
Tel: 1-800-52 ALPHA (25742)

Although Alpha Wire ("Alpha") makes every reasonable effort to ensure the accuracy at the time of publication, information and specifications described herein are subject to errors or omissions and to changes without notice, and the listing of such information and specifications does not ensure product availability.

Alpha provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Alpha be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Alpha had 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.



Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207
Tel: 1-800-52 ALPHA (25742), Web: www.alphawire.com

RoHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number:781816

781816 , RoHS-Compliant Commencing With11/21/2006Production

*This document certifies that the Alpha part numbers cited above are manufactured in accordance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, better known as the RoHS Directives, with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. The reader is referred to these Directives for the specific definitions and extents of these Directives. **No Exemptions are required for RoHS Compliance on this item.***

Substance	Maximum Control Value
Lead	0.1% by weight (1000 ppm)
Mercury	0.1% by weight (1000 ppm)
Cadmium	0.01% by weight (100 ppm)
Hexavalent Chromium	0.1% by weight (1000 ppm)
Polybrominated Biphenyls (PBB)	0.1% by weight (1000 ppm)
Polybrominated Diphenyl Ethers (PBDE) Including Deca-BDE	0.1% by weight (1000 ppm)

The information provided in this document and disclosure is correct to the best of Alpha Wire's knowledge, information and belief at the date of its release. The information provided 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 will become part of. The intent of this document 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.

Authorized Signatory for the Alpha Wire Company:



Dave Watson, Director of Engineering & QA

11/1/2012

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [alpha manufacturer](#):

Other Similar products are found below :

[6387-SL001](#) [F2213/64-BK103](#) [2924 GR001](#) [2924 YL005](#) [2916 WH005](#) [2918 BL005](#) [2934 BK001](#) [2924 BL005](#) [2920 BK005](#) [2920 OR001](#)
[2918 SL005](#) [2928 BK005](#) [2920 OR005](#) [2922 GR005](#) [2918 RD001](#) [2916 RD005](#) [2918 WH001](#) [2932 BK001](#) [2936 VI005](#) [2926 BK005](#) [2936](#)
[BR005](#) [2936 GR001](#) [2934 WH005](#) [2926 GR001](#) [2922 GR001](#) [2930 SL005](#) [2936 BL005](#) [2936 SL005](#) [2932 WH005](#) [2936 WH001](#) [2918](#)
[RD005](#) [2916 BL005](#) [2920 YL005](#) [2926 SL005](#) [2916 GR005](#) [2934 WH001](#) [2920 BL005](#) [2920 SL005](#) [2924 GR005](#) [2924 VI005](#) [2920 VI005](#)
[2926 OR005](#) [2934 GR001](#) [2932 OR005](#) [2916 GR001](#) [2934 BK005](#) [2928 OR005](#) [2918 OR005](#) [2922 OR005](#) [2930 OR005](#)