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

Request a Sample

Customer Specification

PART NO. VF16016

Construction

				Diameters (In)	
1) Component 1		4 X 1 COND			
a) Conductor		16 (26/30) AWG TC		0.059	
b) Insulation		0.046" Wall, Nom. XLPE		0.155	
(1) Separator		Paper Tape, 10% Overlap, Min.			
(2) Color(s)					
Cond	Color	Cond	Color	Cond	Color
1	BLACK#1	3	BLACK#3		
2	BLACK#2	4	GREEN OR GREEN/YELLOW		
2) Cable Assembly		4 Components Cabled			
a) Twists:		2.2 Twists/foot (min)			
3) Shield:		A/P/A Tape, 25% Overlap, Min.			
a) Drain Wire		16 (26/30) AWG TC			
b) Braid		TC,85% Coverage, Min.			
4) Jacket		0.065" Wall, Nom.,TPE		0.545+/- 0.016	
a) Color(s)		BLACK			
b) Jacket Separator		Tissue Tape, 25% Overlap, Min.			
c) Print		ALPHA WIRE-L VF16010 VFD CABLE 4C16 SHIELDED (UL) 1000V FLEXIBLE MOTOR SUPPLY CABLE 600V TYPE TC-ER -40C RHW-2 CDRS XLPE/TPE 90C DRY/WET SUN RES OIL I/II OR 16 AWG C(UL) CIC CONTROL/TC -40C SUN RES 90C WET/DRY XLPE INS FT4 CE ROHS (DATE CODE) (SEQ FOOTAGE) *[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]*			

Applicable Specifications

1) UL		
a) Component 1	RHW-2Wet/Dry	90°C Dry / 90°C Wet / 600 V_{RMS}
	XHHW-2Wet/Dry	90°C Dry / 90°C Wet / 600 V_{RMS}
b) Overall	TC	90°C / 600 V_{RMS}
	EXPOSED RUN	
	SUN RES	
	1000V Flexible Motor Supply Cable	
	OIL RES I/II	
2) CSA International	C(UL) -40C	
	C(UL) CIC CONTROL	
	C(UL) TC	
	C(UL) FT4	
3) CE:	EU Low Voltage Directive 2006/95/EC	

Environmental

1) CE: EU Directive 2011/65/EU(RoHS2), EU Directive 2015/863/EU (RoHS3):	
	This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011 and the amending Directive 2015/863/EU of 4 June 2015 . No Exemptions are required for RoHS Compliance on this item.
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.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-40 to 90°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	116 Lbs, Maximum
4) Sunlight Resistance	Yes
5) Copper Weight	71 Lbs/1000Ft
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	1000 V_{RMS}
2) Characteristic Impedance	90 Ω
3) Inductance	0.229 µH/ft, Nominal
4) Mutual Capacitance	21 pf/ft @1 kHz, Nominal
5) Ground Capacitance	38 pf/ft @1 kHz, Nominal
6) Conductor DCR	4.4 Ω/1000ft @20°C, Nominal
7) OA Shield DCR	1.4 Ω/1000ft @20°C, Nominal
8) Current	14.4 amps per conductor @30°C, Maximum
9) Insulation Resistance	300 MΩ/MFt (Est.)

Other

Packaging	Flange x Traverse x Barrel (inches)
a) Bulk(Made-to-order)	

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EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: VF16016

VF16016 , RoHS-Compliant Commencing With 5/16/2012 Production

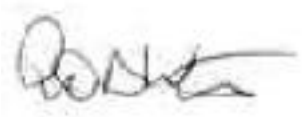
Note: all colors and put-ups

This document certifies that the Alpha part number cited above is manufactured in accordance with Directive 2011/65/EU of the European Parliament, better known as the RoHS Directive (commonly known as RoHS 2), with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. This certification extends to amending Directive 2015/863/EU which expanded the list of restricted substances to 10 items (commonly known as RoHS 3) The reader is referred to these Directives for the specific definitions and extents of the Directives. **No Exemptions are required for RoHS Compliance on this item**. Additionally, Alpha certifies that the listed part number is in compliance with China RoHS “Marking for Control of Pollution by Electronic Information Products” standard SJ/T 11364-2014.

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)
Bis(2-ethylhexyl) phthalate (DEHP)	0.1% by weight (1000 ppm)
Butyl benzyl phthalate (BBP)	0.1% by weight (1000 ppm)
Dibutyl phthalate (DBP)	0.1% by weight (1000 ppm)
Diisobutyl phthalate (DIBP)	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:



Dave Watson, Director of Engineering & QA 4/25/2020

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Стандарт Электрон Связь

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С нами вы становитесь еще успешнее!

Наши контакты:

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