ALPHA WIRE
CUSTOMER PRODUCT SPECIFICATION

Part Number: 78124	**Issue: 1**
Page 1 of 2 Pages	**Issue Date: 7/11/2014**
	Effective Date: 9/5/2014

A. Construction — **Diameters (In)**

1)	Component 1	4 X 1 COND	
a)	Conductor	24 (19/36) AWG Tinned Copper	0.025
b)	Insulation	0.007" Wall, Nom. Modified Polyphenylene Ether-PE	0.039
(1)	Color Code	Alpha Wire Color Code E	

Cond	Color	Cond	Color	Cond	Color
1	BLACK	3	RED		
2	BROWN	4	ORANGE		

2)	Cable Assembly	4 Components Cabled	
a)	Twists:	9.6 Twists/foot (min)	
b)	Core Wrap	Nonwoven Polyester Tape, 25% Overlap, Min.	
3)	Shield:	Alum/Mylar Tape, 25% Overlap, Min.	
a)	Foil Direction	Foil Facing In	
b)	Drain Wire	24 (7/32) AWG Tinned Copper	
4)	Jacket	0.015" Wall, Nom.,Modified Polyphenylene Ether-PE	0.132 (0.140 Max.)
a)	Color(s)	SLATE	
b)	Ripcord	1 End 810 Denier Nylon	
c)	Print	ALPHA WIRE-* P/N 78124 4C 24 AWG ECOCABLE(R) MINI RU AWM 21460 80C 300V VW-1 C(RU) AWM I A/B FT1 80C 300V CE ROHS (SEQ FOOTAGE) * = Factory Code	

B. Applicable Specifications

1)	UL	AWM/STYLE 21460 VW-1	80°C / 300 V_{RMS}
2)	CSA International	C(RU) AWM I A/B FT1	80°C / 300 V_{RMS}
3)	Other	Halogen-Free	
4)	CE:	EU Low Voltage Directive 2006/95/EC	

C. Environmental Compliance

1) CE:
EU Directive 2011/65/EU(RoHS2):
This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for RoHS C of C.

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.

D. Physical & Mechanical Properties

1)	Temperature Range	-40 to 80°C
2)	Bend Radius	10X Cable Diameter
3)	Pull Tension	18.4 Lbs, Maximum

E. Electrical Properties (For Engineering purposes only)

1)	Voltage Rating	300 V_{RMS}
2)	Capacitance	30 pf/ft @1 kHz, Nominal Conductor to Conductor
3)	Ground Capacitance	54 pf/ft @1 kHz, Nominal
4)	Inductance	0.17 µH/ft, Nominal
5)	Conductor DCR	24.1 Ω/1000ft @20°C, Nominal
6)	OA Shield DCR	19.6 Ω/1000ft @20°C, Nominal

F. Other

1)	Packaging	Flange x Traverse x Barrel (inches)
a)	1000 FT	12 x 4.5 x 3.5 Continuous length
b)	100 FT	6.5 x 2 x 1.9 Continuous length

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www.alphawire.com

c) Bulk(Made-to-order)

[Spool dimensions may vary slightly]

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Наши преимущества:

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- 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);
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- 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.);

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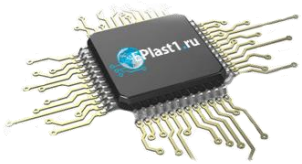
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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