

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 5063/1C
Page 1 of 1 Pages

Issue: 10
Issue Date: 1/29/2008
Effective Date: 3/1/2008

A. Construction

1) Component 1	3 X 1 COND a) Conductor b) Insulation (1) Color(s)	0.079												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Cond</th> <th style="width: 15%;">Color</th> <th style="width: 15%;">Cond</th> <th style="width: 15%;">Color</th> <th style="width: 15%;">Cond</th> <th style="width: 15%;">Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BROWN</td> <td>2</td> <td>BLUE</td> <td>3</td> <td>GREEN/YELLOW</td> </tr> </tbody> </table>		Cond	Color	Cond	Color	Cond	Color	1	BROWN	2	BLUE	3	GREEN/YELLOW	
Cond	Color	Cond	Color	Cond	Color									
1	BROWN	2	BLUE	3	GREEN/YELLOW									
2) Cable Assembly	3 Components Cabled a) Twists: b) Core Wrap	6.0 Twists/foot (min) Nonwoven Polyester Tape, 25% Overlap, Min.												
3) Jacket	a) Color(s) b) Ripcord c) Print	0.032" Wall, Nom.,PVC Slate, Black, Yellow, Orange, Blue, Green, Red, Sand Beige, White 1 End 810 Denier Nylon ALPHA WIRE-* P/N 5063/1C 3C 18 AWG XTRAGUARD 1 XTREME PERFORMANCE FOR XTREME ENVIRONMENTS - 105C (UL) TYPE CM OR AWM 2464 VW-1 --- LLXXXXXX CSA 105C TYPE CMG FT4 CE ROHS <SEQ FOOTAGE> * = Factory Code												

[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]

B. Industry Approvals

1) UL	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">a) Component 1</td> <td style="width: 30%;">AWM/STYLE 1569</td> <td style="width: 40%;">105°C / 300 V_{RMS}</td> </tr> <tr> <td>b) Overall</td> <td>AWM/STYLE 2464</td> <td>80°C / 300 V_{RMS}</td> </tr> <tr> <td></td> <td>CM</td> <td>105°C</td> </tr> <tr> <td></td> <td>VW-1</td> <td></td> </tr> </table>	a) Component 1	AWM/STYLE 1569	105°C / 300 V _{RMS}	b) Overall	AWM/STYLE 2464	80°C / 300 V _{RMS}		CM	105°C		VW-1	
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b) Overall	AWM/STYLE 2464	80°C / 300 V _{RMS}											
	CM	105°C											
	VW-1												
2) CSA International	CMG FT4	105°C											
3) 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.												
4) California Proposition 65:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.												
5) CE:	LVD 73/23/EEC Amendment 93/68/EEC												

C. Physical & Mechanical Properties

1) Temperature Range	-20 to 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	38 Lbs, Maximum
4) Sunlight Resistance	Yes

D. Electrical Properties

1) Voltage Rating	300 V _{RMS}
2) Capacitance	33 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Inductance	0.18 µH/ft, Nominal
4) Conductor DCR	7.2 Ω/1000ft @20°C, Nominal

E. Other

1) Packaging	
a) 1000 FT	
b) 500 FT	

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- c) 100 FT
- d) Bulk(Made-to-order)

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