

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 517730

Issue: 1

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Issue Date: 2/27/2006

Effective Date: 2/27/2006

A. Construction

Diameters

- | | | | |
|----|----------------|-------------------------|-------|
| 1) | Component 1 | 2 X 1 COND | |
| | a) Conductor | 18 (16/30) AWG TC | |
| | b) Insulation | 0.016" Wall, Nom. PVC | 0.079 |
| | (1) Color Code | Alpha Wire Color Code D | |

Cond	Color	Cond	Color	Cond	Color
1	BLACK	2	RED		

- | | | | |
|----|----------------|--|--------------------|
| 2) | Cable Assembly | 2 Components Cabled | |
| | a) Twists: | 5.3 Twists/foot (min) | |
| 3) | Jacket | 0.020" Wall, Nom., PVC | 0.198 (0.208 Max.) |
| | a) Color(s) | GRAY | |
| | b) Print | ALPHA WIRE-* P/N 517730 2/C 18 AWG
(UL) 75C TYPE CM OR AWM 2509 --- LLXXXXXX
CSA TYPE CMG FT4 ROHS
* = Factory Code | |

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

B. Industry Approvals

- | | | | |
|----|--------------------------------|--|---------------------|
| 1) | UL | AWM/STYLE2509
CM
VW-1 | 80°C / 300V
75°C |
| 2) | CSA International | CMG
FT4 | 60°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. | |
| 4) | California Proposition 65: | The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65. | |

C. Physical & Mechanical Properties

- | | | |
|----|-------------------|--------------------|
| 1) | Temperature Range | -20 to 80°C |
| 2) | Bend Radius | 10X Cable Diameter |
| 3) | Pull Tension | 25 Lbs, Maximum |

D. Electrical Properties

(For Engineering purposes only)

- | | | |
|----|----------------|---|
| 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 | 7.1 Ω/1000ft @20°C, Nominal |

E. Other

- | | |
|----|---|
| 1) | Packaging |
| | a) Bulk(Made-to-order): 2,500 ft put ups. |

This Design is custom, Made-To-Order & once accepted, the order is NON-CANCELLABLE & NON-RETURNABLE.

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Accepted By:	Date:
Company:	Title:

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