

ALPHA WIRE
CUSTOMER PRODUCT SPECIFICATION

Part Number: 25004
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A. Construction

Diameters (In)

- | | | | |
|----|----------------|-----------------------------------|-------|
| 1) | Component 1 | 4 X 1 COND | |
| | a) Conductor | 22 (7/30) AWG TC | 0.030 |
| | b) Insulation | 0.010" Wall, Nom. PVC, Semi Rigid | 0.050 |
| | (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: | 8.0 Twists/foot (min) | |
| | b) Core Wrap | Nonwoven Polyester Tape, 25% Overlap, Min. | |
| 3) | Jacket | 0.032" Wall, Nom., Polyurethane (TPU) | 0.189 (0.200 Max.) |
| | a) Color(s) | Slate, Black, Yellow, Orange, Blue, Green, Red, Sand Beige, White | |
| | b) Ripcord | 1 End 810 Denier Nylon | |
| | c) Print | ALPHA WIRE-* P/N 25004
XTRAGUARD(R) 2 RU AWM 20668 VW-1 --- LLXXXXXX CSA
AWM I/II A/B 90C 300 VOLTS FT1 CE
ROHS (SEQ FOOTAGE)
* = Factory Code
<i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i> | |

B. Applicable Specifications

- | | | | |
|----|-------------------|-------------------------------------|------------------------------|
| 1) | UL | | |
| | a) Component 1 | AWM/STYLE 10002 | 105°C / 300 V _{RMS} |
| | b) Overall | AWM/STYLE 20668
VW-1 | 90°C / 300 V _{RMS} |
| 2) | CSA International | AWM I/II A/B
FT1 | 90°C / 300 V _{RMS} |
| 3) | 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 . | |
| 3) | California Proposition 65: | The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65. | |

D. Physical & Mechanical Properties

- | | | | |
|----|---------------------|--------------------|--|
| 1) | Temperature Range | -30 to 90°C | |
| 2) | Bend Radius | 10X Cable Diameter | |
| 3) | Pull Tension | 22 Lbs, Maximum | |
| 4) | Sunlight Resistance | Yes | |

E. Electrical Properties

- | | | | |
|----|----------------|---|--|
| | | (For Engineering purposes only) | |
| 1) | Voltage Rating | 300 V _{RMS} | |
| 2) | Capacitance | 23.5 pf/ft @1 kHz, Nominal Conductor to Conductor | |
| 3) | Inductance | 0.18 µH/ft, Nominal | |
| 4) | Conductor DCR | 16.4 Ω/1000ft @20°C, Nominal | |

F. Other

- | | | | |
|----|------------------------|-------------------------------------|--|
| 1) | Packaging | Flange x Traverse x Barrel (inches) | |
| | a) Bulk(Made-to-order) | | |

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