

Customer Specification

PART NO. 5660

Construction

| | | | | | |
|---------------------|--------------|--|---------|-----------------------|-------|
| | | | | Diameters (In) | |
| 1) Component 1 | | 4 X 1 COND | | | |
| a) Conductor | | 16 (26/30) AWG BC | | | |
| b) Insulation | | 0.016" Wall, Nom. PVC/ 0.005" Wall NYLON | | 0.102 | |
| (1) Color Code | | Alpha Wire Company Color Code KX | | | |
| Cond | Color | Cond | Color | Cond | Color |
| 1 | GREEN/YELLOW | 3 | BLACK#2 | | |
| 2 | BLACK#1 | 4 | BLACK#3 | | |
| 2) Cable Assembly | | 4 Components Cabled | | | |
| a) Twists: | | 3.4 Twists/foot (min) | | | |
| 3) Shield: | | A/P/A Tape, 25% Overlap, Min. | | | |
| a) Drain Wire | | 4 x 22 (7/30) AWG TC | | | |
| b) Braid | | TC, 70% Coverage, Min. | | | |
| 4) Jacket | | 0.050" Wall, Nom., PVC | | 0.381+/- 0.019 | |
| a) Color(s) | | BLACK | | | |
| b) Jacket Separator | | Tissue Tape, 25% Overlap, Min. | | | |
| c) Print | | ALPHA WIRE-* P/N 5660 4C 16 AWG XTRAGUARD MOTOR SUPPLY CABLE - EXXXXXX (UL) WTTC 1000V 90C OR (UL) TC-ER 600V 90C DRY 75C WET SUN RES DIR BUR OR MTW 16 AWG --- LLXXXXXX CSA AWM I/II A/B 90C 600V FT4 CE ROHS * = Factory Code [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.] | | | |

Applicable Specifications

| | | |
|----------------------|-----------------------------------|----------------------------------|
| 1) UL | TC | 90°C / 600 V _{RMS} |
| | EXPOSED RUN | |
| | DIRECT BURIAL | |
| | SUN RES | |
| | MTW | 90°C / 600 V _{RMS} |
| | WTTC | 90°C / 1000 V _{RMS} |
| 2) CSA International | AWM I/II A/B | 90°C / 600 V _{RMS} |
| | FT4 | |
| 3) CE: | LVD 73/23/EEC Amendment 93/68/EEC | |

Environmental

| | |
|-----------------------------------|--|
| 1) 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. |

Properties

| | |
|---|--|
| Physical & Mechanical Properties | |
| 1) Temperature Range | -20 to 90°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 92 Lbs, Maximum |
| Electrical Properties (For Engineering purposes only) | |
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Capacitance | 48 pf/ft @ 1 kHz, Nominal Conductor to Conductor |
| 3) Ground Capacitance | 86 pf/ft @ 1 kHz, Nominal |
| 4) Inductance | 0.18 µH/ft, Nominal |
| 5) Conductor DCR | 4.1 /1000ft @20°C, Nominal |
| 6) OA Shield DCR | 2.7 /1000ft @20°C, Nominal |

Other

| | |
|------------------------|--|
| 1) Packaging | |
| a) Bulk(Made-to-order) | |

www.alphawire.com

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

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RoHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number:5660

5660 , RoHS-Compliant Commencing With9/1/2008Production

*This document certifies that the Alpha part numbers cited above are manufactured in accordance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, better known as the RoHS Directives, with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. The reader is referred to these Directives for the specific definitions and extents of these Directives. **No Exemptions are required for RoHS Compliance on this item.***

| Substance | Maximum Control Value |
|---|------------------------------|
| Lead | 0.1% by weight (1000 ppm) |
| Mercury | 0.1% by weight (1000 ppm) |
| Cadmium | 0.1% 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) |

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Authorized Signatory for the Alpha Wire Company:

Dave Watson, Director of Engineering &QA

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