

Customer Specification

PART NO. PVT0226

Construction

| | | Diameters (In) |
|----------------|--|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 2 (266(7x38)/26) AWG TC | 0.338 |
| b) Insulation | 0.060" Wall, Nom. Low Smoke Zero Halogen (LSZH) | 0.458+/- 0.006 |
| (1) Color(s) | WHITE | |
| 2) Jacket | 0.032" Wall, Nom., Low Smoke Zero Halogen (LSZH) | 0.518+/- 0.015 |
| a) Color(s) | BLACK | |
| b) Print | ALPHA WIRE-* P/N PVT0226 2 AWG 35MM2 E331483 (UL) PV WIRE 90C WET OR DRY 600V SUN RES -40C --- TUV 2PFG 1169 1000V LSZH ROHS CE * = Factory Code | |

Applicable Specifications

| | | |
|----------|-------------------------------------|--|
| 1) UL | VW-1 | |
| | SUN RES | |
| | -40C | |
| | UL 4703, PV Wire | 90°C Dry / 90°C Wet / 600 V _{RMS} |
| 2) IEC | EN 60332-1 Flame Behavior | |
| | EN 60754-1 Acid Gas Generation | |
| | EN 60754-2 Acid Gas Generation | |
| | EN 60811-2-1 Ozone Resistance | |
| | EN 61034-2 Smoke Emission | |
| | EN 60228 Conductors, Class 2 | |
| 3) Other | EN-ISO 4892 UV Resistance | |
| | TUV 2PFG 1169/08.2007 | |
| 4) CE: | EU Low Voltage Directive 2006/95/EC | |

Environmental

| | |
|--|---|
| 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. |

Properties

| | |
|---|---|
| Physical & Mechanical Properties | |
| 1) Temperature Range | -40 to 90°C |
| 2) Bend Radius | 4X Cable Diameter(static), 5X Cable Diameter(dynamic) |
| 3) Pull Tension | 529 Lbs, Maximum |
| Electrical Properties (For Engineering purposes only) | |
| 1) Voltage Rating | 1000 V _{RMS} |
| 2) Inductance | 0.03 µH/ft, Nominal |
| 3) Conductor DCR | 0.17 Ω/1000ft @20°C, Nominal |

Other

| | |
|------------------|---|
| Packaging | Flange x Traverse x Barrel (inches) |
| a) 1000 FT | 24 x 14 x 12 Continuous length |
| b) 100 FT | 16 x 11 x 8 Continuous length |
| | <i>[Spool dimensions may vary slightly]</i> |

www.alphawire.com

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

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EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: PVT0226

PVT0226 , RoHS-Compliant Commencing With 8/19/2009 Production

This document certifies that the Alpha part number cited above is manufactured in accordance with Directive 2011/65/EU of the European Parliament, better known as the RoHS Directive, 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 this Directive for the specific definitions and extents of this Directive. **No Exemptions are required for RoHS Compliance on this item.** It should be noted that this product does not fall within the scope of Directive 2011/65/EU, but this Certificate is offered for cases where this product will be used within EEE that does fit within the Directive's scope. Additionally, Alpha certifies that the listed part number is in compliance with China RoHS "Marking for Control of Pollution by Electronic Information Products" standard SJ/T 11364-2006.

| Substance | Maximum Control Value |
|---|----------------------------|
| Lead | 0.1% by weight (1000 ppm) |
| Mercury | 0.1% by weight (1000 ppm) |
| Cadmium | 0.01% 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

5/16/2013