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Customer Specification

PART NO. B962032

ProductConstruction

| | | Diameters (In) | | | |
|-------------------|-------------|--|-------------|--------------------|-----------|
| 1) Component 1 | | 3 X 1 PAIR | | | |
| a) Conductor | | 26 (7/34) AWG TC | | 0.019 | |
| b) Insulation | | 0.010" Wall, Nom. PVC, Semi Rigid | | 0.039 | |
| (1) Color Code | | Alpha Wire Color Code B | | | |
| Pair | Color | Pair | Color | Pair | Color |
| 1 | WHITE-BLACK | 2 | WHITE-BROWN | 3 | WHITE-RED |
| c) Pair | | 2/Cond Cabled Together | | | |
| (1) Twists: | | 12.0 Twists/foot (min) | | | |
| 2) Cable Assembly | | 3 Components Cabled | | | |
| a) Twists: | | 8.0 Twists/foot (min) | | | |
| b) Core Wrap | | Clear Mylar Tape, 25% Overlap, Min. | | | |
| 3) Shield: | | Alum/Mylar Tape, 25% Overlap, Min. | | | |
| a) Foil Direction | | Foil Facing In | | | |
| b) Drain Wire | | 26 (7/34) AWG TC | | | |
| 4) Jacket | | 0.032" Wall, Nom.,PVC | | 0.209 (0.222 Max.) | |
| a) Color(s) | | GREY | | | |
| b) Ripcord | | 1 End 810 Denier Nylon | | | |
| c) Print | | ALPHA WIRE-* P/N B962032 0.14MM2 (26AWG) (UL) TYPE CM 105C OR AWM 2464 VW-1 --- LLXXXXXX CSA 105C TYPE CMG FT4 CE ROHS (SEQ METERS) * = Factory Code <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i> | | | |

ProductIndustryApprovals

| | | |
|----------------------|-------------------------------------|------------------------------|
| 1) UL | | |
| a) Component 1 | AWM/STYLE 10002 | 105°C / 300 V _{RMS} |
| b) Overall | AWM/STYLE 2464 | 80°C / 300 V _{RMS} |
| | CM | 105°C |
| | VW-1 | |
| 2) CSA International | CMG | 105°C |
| | FT4 | |
| 3) IEC | EN 60332-1 Flame Behavior | |
| | EN 60332-2 Flame Behavior | |
| 4) CE: | EU Low Voltage Directive 2006/95/EC | |

ProductEnvironmental

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

ProductProperties

| | |
|---|------------------------------|
| Physical & Mechanical Properties | |
| 1) Temperature Range | -30 to 105°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 15.3 Lbs, Maximum |
| 4) Sunlight Resistance | Yes |
| Electrical Properties (For Engineering purposes only) | |
| 1) Voltage Rating | 300 V _{RMS} |
| 2) Mutual Capacitance | 23 pf/ft @1 kHz, Nominal |
| 3) Ground Capacitance | 41 pf/ft @1 kHz, Nominal |
| 4) Characteristic Impedance | 83 Ω |
| 5) Inductance | 0.2 μH/ft, Nominal |
| 6) Conductor DCR | 42 Ω/1000ft @20°C, Nominal |
| 7) OA Shield DCR | 20.8 Ω/1000ft @20°C, Nominal |

ProductOther

| | |
|------------------|---|
| Packaging | Flange x Traverse x Barrel (inches) |
| a) 3280 FT | 20 x 11 x 8 Continuous length |
| b) 1640 FT | 16 x 11 x 8 Continuous length |
| c) 328 FT | 12 x 4.5 x 3.5 Continuous length |
| d) 164 FT | 12 x 4.5 x 3.5 Continuous length |
| | <i>[Spool dimensions may vary slightly]</i> |

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