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## □□□ **M2492**

#### **Construction**

|                   |                  |      |                        |      |  | Diameters (In)                        |       |
|-------------------|------------------|------|------------------------|------|--|---------------------------------------|-------|
| 1) Component 1    |                  |      |                        |      | 7 X 1 PAIR   |                                       |       |
| a) Conductor      |                  |      |                        |      | 28 (7/36) AWG Tinned Copper  | 0.015                                 |       |
| b) Ins            | ulation          |      |                        |      |  | 0.0145" Wall, Nom. Polyethylene, Foam | 0.044 |
| (1) Cc            | olor Code        |      |                        |      |  | Alpha Wire Color Code M               |       |
| Pair              | Color            | Pair | Color                  | Pair | Color  |                                       |       |
|                   | BLUE/WHITI       |      | BROWN/WI               |      | ORANGE/RE  |                                       |       |
| 1                 | -                | 4    | -                      | 7    | -  |                                       |       |
| <u> </u>          | WHITE/BLUE       |      | WHITE/BRO\             |      | RED/ORANG  |                                       |       |
|                   | ORANGE/W         | _    | SLATE/WHI1             |      |  |                                       |       |
| 2                 | -<br> WHITE/ORAI | 5    | -<br>WHITE/SLAT        |      |  |                                       |       |
|                   | GREEN/WHI        |      |                        |      |  |                                       |       |
| 3                 | -                | 6    | BLUE/RED -<br>RED/BLUE |      |  |                                       |       |
|                   | WHITE/GREE       |      | KED/BLUE               |      |  |                                       | _     |
| c) Pai            | r                |      |                        |      |  | 2/Cond Cabled Together                |       |
| (1) Twists:       |                  |      | 9.6 Twists/foot (min)  |      |  |                                       |       |
| 2) Cable Assembly |                  |      |                        |      | 7 Components Cabled  |                                       |       |
| a) Twists:        |                  |      |                        |      | 3.7 Twists/foot (min)  |                                       |       |
| b) Orientation:   |                  |      |                        |      | Components to be arranged from INSIDE LAYER to OUTSIDE LAYER   |                                       |       |
| 3) Shield:        |                  |      |                        |      | Alum/Mylar Tape, 25% Overlap, Min.   |                                       |       |
| a) Foil Direction |                  |      |                        |      | Foil Facing Out  |                                       |       |
| b) Drain Wire     |                  |      |                        |      | 28 (7/36) AWG Tinned Copper  |                                       |       |
| c) Braid          |                  |      |                        |      | Tinned Copper,65% Coverage, Min.   |                                       |       |
| 4) Jacket         |                  |      |                        |      | 0.035" Wall, Nom.,PVC  | 0.314 (0.331 Max.)                    |       |
| a) Color(s)       |                  |      |                        |      | SLATE  |                                       |       |
| b) Ripcord        |                  |      |                        |      | 1 End 810 Denier Nylon   |                                       |       |
| c) Print          |                  |      |                        |      | ALPHA WIRE-* P/N M2492 7PR 28 AWG EXXXXXX SHIELDED 75C CM (UL) C(UL) OR AWM 2919 LOW VOLTAGE COMPUTER CABLE CE ROHS * = Factory Code [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.] |                                       |       |

# **Applicable Specifications**

| 1) UL                | AWM/STYLE 2919                      | 80°C / 30 V <sub>RMS</sub> |
|----------------------|-------------------------------------|----------------------------|
|                      | CM                                  | 75°C                       |
| 2) CSA International | C(UL) TYPE CM                       | 75°C                       |
| 3) CE:               | EU Low Voltage Directive 2014/35/EU |                            |
|                      |                                     |                            |

## **Environmental**

| 1) CE: EU Directive 2011/65/EU(RoHS2), EU Directive 2015/863/EU (RoHS3): |   |
|--|---|
|  | This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011 and the amending Directive 2015/863/EU of 4 June 2015 . No Exemptions are required for RoHS Compliance on this item. |
| 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.  |
| 3) California Proposition 65:  | This product may contain substances known to the State of California to cause Cancer or Reproductive Harm, but is exempt from labeling based on the Consent Judgement. See the Alpha Wire website for more information.                                     |

## **Properties**

| -20 to 80°C  10X Cable Diameter  25 Lbs, Maximum  (For Engineering purposes only) |
|---|
| 25 Lbs, Maximum   |
|   |
| (For Engineering purposes only)   |
|   |
| 300 V <sub>RMS</sub>  |
| 120 Ω   |
| 11 pF/ft @1 kHz, Nominal  |
| 20 pF/ft @1 kHz, Nominal  |
| 78 %  |
|   |

## Other

| Packaging                  | Flange x Traverse x Barrel (inches)  |  |  |
|----------------------------|--------------------------------------|--|--|
| a) 1000 FT                 | 18 x 9 x 8 Continuous length         |  |  |
| b) 500 FT                  | 12 x 10.5 x 5 Continuous length      |  |  |
| c) 100 FT                  | 10.5 x 5 x 3.5 Continuous length     |  |  |
| d) Bulk(Made-to-order)     |                                      |  |  |
|                            | [Spool dimensions may vary slightly] |  |  |
| Notes:                     |                                      |  |  |
| a) Stripe Type: Ring Band. |                                      |  |  |

#### www.alphawire.com

Alpha Wire 2200 US Highway 27 South Richmond, IN 47374

Tel: 1-800-52 ALPHA



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Web: www.alphawire.com

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Alpha Wire □□□□M2492

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□□□□□□□□0.1% (1000 ppm) Lead Mercury □□□□□□□□0.01% (100 ppm) Cadmium Hexavalent Chromium □□□□□□□□0.1% (1000 ppm) Polybrominated Biphenyls (PBB) Polybrominated Diphenyl Ethers (PBDE), Including Deca-BDE Bis(2-ethylhexyl) phthalate (DEHP) □□□□□□□□0.1% (1000 ppm) Butyl benzyl phthalate (BBP) Dibutyl phthalate (DBP) □□□□□□□□0.1% (1000 ppm) Diisobutyl phthalate (DIBP) □□□□□□□□0.1% (1000 ppm)

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