

**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

Part Number: 6352  
Page 1 of 2 Pages

Issue: 3  
Issue Date: 5/26/2005  
Effective Date: 8/1/2005

**A. Construction**

Diameters

- |    |               |                                      |       |
|----|---------------|--------------------------------------|-------|
| 1) | Component 1   | 4 X 1 COND                           |       |
|    | a) Conductor  | 24 (7/32) AWG TC                     |       |
|    | b) Insulation | 0.016" Wall, Nom. Polyethylene, Foam | 0.056 |
|    | (1) Color(s)  |                                      |       |
- 
- | Cond | Color | Cond | Color | Cond | Color |
|------|-------|------|-------|------|-------|
| 1    | BLACK | 3    | RED   |      |       |
| 2    | WHITE | 4    | GREEN |      |       |
- 
- |    |                   |   |                    |
|----|-------------------|---|--------------------|
| 2) | Cable Assembly    | 4 Components Cabled   |                    |
|    | a) Twists:        | 6.0 Twists/foot (min)   |                    |
|    | 3) Shield:        | Alum/Mylar Tape, 25% Overlap, Min.  |                    |
|    | a) Foil Direction | Foil Facing Out   |                    |
|    | b) Drain Wire     | 24 (7/32) AWG TC  |                    |
|    | c) Braid          | TC, 65% Coverage, Min.  |                    |
| 4) | Jacket            | 0.035" Wall, Nom., PVC  | 0.231 (0.242 Max.) |
|    | a) Color(s)       | GRAY  |                    |
|    | b) Print          | ALPHA WIRE-* P/N 6352 4/C 24 AWG<br>SHIELDED 75C (UL) TYPE CM OR AWM 2919 LOW VOLTAGE<br>COMPUTER CABLE --- LLXXXXXX CSA TYPE CMH FT1<br>ROHS<br>* = Factory Code |                    |

*[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]*

**B. Industry Approvals**

- |    |                                |  |                    |
|----|--------------------------------|--|--------------------|
| 1) | UL                             | AWM/STYLE2919<br>CM<br>VW-1  | 80°C / 30V<br>75°C |
| 2) | CSA International              | CMH<br>FT1   | 60°C               |
| 3) | 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. |                    |
| 4) | California Proposition 65:     | The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.   |                    |

**C. Physical & Mechanical Properties**

- |    |                   |                    |
|----|-------------------|--------------------|
| 1) | Temperature Range | -20 to 80°C        |
| 2) | Bend Radius       | 10X Cable Diameter |
| 3) | Pull Tension      | 20.2 Lbs, Maximum  |

**D. Electrical Properties**

(For Engineering purposes only)

- |    |                           |                             |
|----|---------------------------|-----------------------------|
| 1) | Voltage Rating            | 300 V <sub>RMS</sub>        |
| 2) | Mutual Capacitance        | 12 pf/ft @1 kHz, Nominal    |
| 3) | Ground Capacitance        | 22 pf/ft @1 kHz, Nominal    |
| 4) | Conductor DCR             | 25 Ω/1000ft @20°C, Nominal  |
| 5) | Ind. Shield DC Resistance | 5.4 Ω/1000ft @20°C, Nominal |

**E. Other**

- |    |            |
|----|------------|
| 1) | Packaging  |
|    | a) 1000 FT |

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- b) 500 FT
- c) 100 FT

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