

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6386
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Issue: 5
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A. Construction

Diameters (In)

- | | | | |
|----|----------------|------------------------------------|-------|
| 1) | Component 1 | 6 X 1 PAIR | |
| | a) Conductor | 24 (7/32) AWG TC | |
| | b) Insulation | 0.010" Wall, Nom. Polyethylene(PE) | 0.044 |
| | (1) Color Code | Alpha Wire Company Color Code A | |
-
- | Pair | Color | Pair | Color | Pair | Color |
|------|-------------|------|-------------|------|--------------|
| 1 | BLACK-RED | 3 | BLACK-GREEN | 5 | BLACK-BROWN |
| 2 | BLACK-WHITE | 4 | BLACK-BLUE | 6 | BLACK-YELLOW |
-
- | | | | |
|----|-----------------------|---|--------------------|
| c) | Pair | 2/Cond Cabled Together | |
| | (1) Twists: | 9.6 Twists/foot (min) | |
| | Individually Applied: | | |
| | d) Shield: | Foil Free Alum/Mylar Tape, 25% Overlap, Min. | |
| | (1) Foil Direction | Foil Facing In | |
| | (2) Drain Wire | 24 (7/32) AWG TC | |
| 2) | Cable Assembly | 6 Components Cabled | |
| | a) Twists: | 3.4 Twists/foot (min) | |
| 3) | Jacket | 0.035" Wall, Nom.,PVC | 0.317 (0.334 Max.) |
| | a) Color(s) | SLATE | |
| | b) Print | ALPHA WIRE-* P/N 6386 6PR 24 AWG
SHIELDED 75C (UL) TYPE CM OR AWM 2919 LOW VOLTAGE
COMPUTER CABLE --- LLXXXXXX CSA TYPE CMG FT4
ROHS | |

* = Factory Code

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

B. Industry Approvals

- | | | | |
|----|--------------------------------|--|------------------------------------|
| 1) | UL | AWM/STYLE 2919
CM
VW-1 | 80°C / 30 V _{RMS}
75°C |
| 2) | CSA International | CMG
FT4 | 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 | 63 Lbs, Maximum |

D. Electrical Properties

(For Engineering purposes only)

- | | | |
|----|---------------------------|----------------------------|
| 1) | Voltage Rating | 300 V _{RMS} |
| 2) | Characteristic Impedance | 60 Ω |
| 3) | Mutual Capacitance | 25 pf/ft @1 kHz, Nominal |
| 4) | Ground Capacitance | 47 pf/ft @1 kHz, Nominal |
| 5) | Conductor DCR | 26 Ω/1000ft @20°C, Nominal |
| 6) | Ind. Shield DC Resistance | 21 Ω/1000ft @20°C, Nominal |

E. Other

- | | | |
|----|------------|--|
| 1) | Packaging | |
| | a) 1000 FT | |
| | b) 500 FT | |
| | c) 100 FT | |

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