ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

A. Construction   <u>Diameters</u>

1) Component 1   9 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 Color Code A

Pair	Color	Pair	Color	Pair	Color
1	BLACK-RED	4	BLACK-BLUE	7	BLACK-ORANGE
2	BLACK-WHITE	5	BLACK-BROWN	8	RED-GREEN
3	BLACK-GREEN	6	BLACK-YELLOW	9	RED-WHITE

   - 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   9 Components Cabled
   - a) Twists: 2.7 Twists/foot (min)
3) Jacket   0.035" Wall, Nom.,PVC   0.368 (0.388 Max.)
   - a) Color(s)   GRAY
   - b) Print   ALPHA WIRE-* P/N 6387 9PR 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/STYLE2919   80°C / 30V
      CM   75°C
      VW-1
2) CSA International   CMG   60°C
      FT4
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   95 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

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	Effective Date: 8/1/2005

E. Other
  1) Packaging
     a) 1000 FT
     b) 500 FT
     c) 100 FT