ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

A. Construction **Diameters**

1) Component 1 — 13 X 1 PAIR
   a) Conductor — 28 (7/36) AWG TC
   b) Insulation — 0.010" Wall, Nom. Polyethylene(PE) — 0.035
      (1) Color Code — Alpha Wire Color Code K

Pair	Color	Pair	Color	Pair	Color
1	BLACK-RED	6	BLACK-BROWN	11	RED-YELLOW
2	BLACK-WHITE	7	BLACK-ORANGE	12	RED-BROWN
3	BLACK-GREEN	8	RED-WHITE	13	RED-ORANGE
4	BLACK-BLUE	9	RED-GREEN		
5	BLACK-YELLOW	10	RED-BLUE		

   c) Pair — 2/Cond Cabled Together
      (1) Twists: — 12.0 Twists/foot (min)
2) Cable Assembly — 13 Components Cabled
   a) Twists: — 3.4 Twists/foot (min)
3) Shield: — Alum/Mylar Tape, 25% Overlap, Min.
   a) Foil Direction — Foil Facing Out
   b) Drain Wire — 28 (7/36) AWG TC
   c) Braid — TC,90% Coverage, Min.
4) Jacket — 0.035" Wall, Nom.,PVC — 0.341 (0.362 Max.)
   a) Color(s) — GRAY
   b) Print — ALPHA WIRE-* P/N 6397 13PR 28 AWG
   SHIELDED 75C (UL) TYPE CL2 OR AWM 2960
   LLXXXXXX CSA TYPE CMH FT1 ROHS
   * = Factory Code
   [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]

B. Industry Approvals

1) UL — AWM/STYLE2960 — 60°C / 30V
   CL2 — 75°C
   VW-1
2) CSA International — CMH — 60°C
   FT1
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 75°C
2) Bend Radius — 10X Cable Diameter
3) Pull Tension — 46 Lbs, Maximum

D. Electrical Properties (For Engineering purposes only)

1) Voltage Rating — 300 V_{RMS}
2) Characteristic Impedance — 100 Ω
3) Mutual Capacitance — 15.5 pf/ft @1 kHz, Nominal
4) Ground Capacitance — 27.5 pf/ft @1 kHz, Nominal
5) Conductor DCR — 66 Ω/1000ft @20°C, Nominal
6) OA Shield DCR — 2 Ω/1000ft @20°C, Nominal

E. Other

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