ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 2466C		**Issue:**	**4**
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		Effective Date:	**6/1/2005**

A. Construction — **Diameters (In)**

1) Component 1 — 2 X 1 PAIR
   a) Conductor — 22 (7/30) AWG TC
   b) Insulation — 0.010" Wall, Nom. Polypropylene(PP) — 0.050
      (1) Color(s)

Pair	Color	Pair	Color	Pair	Color
1	RED-BLACK	2	GREEN-WHITE		

   c) Pair — 2/Cond Cabled Together

   Individually Applied:

   d) Shield: — Alum/Mylar Tape, 25% Overlap, Min.
      (1) Foil Direction — Foil Facing Out
2) Cable Assembly — 2 Components Cabled
   a) Twists: — 6.0 Twists/foot (min)
   b) Drain Wire — 24 (7/32) AWG TC
3) Jacket — 0.020" Wall, Nom.,PVC — 0.170 (0.182 Max.)
   a) Color(s) — SLATE
   b) Print — ALPHA WIRE-* P/N 2466C 2PR 22 AWG
   SHIELDED 75C (UL) TYPE CM --- 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 — CM — 75°C
2) CSA International — CMG — 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 75°C
2) Bend Radius — 10X Cable Diameter
3) Pull Tension — 25 Lbs, Maximum

D. Electrical Properties (For Engineering purposes only)

1) Voltage Rating — 300 V_{RMS}
2) Characteristic Impedance — 60 Ω
3) Inductance — 0.18 µH/ft, Nominal
4) Mutual Capacitance — 25 pf/ft @1 kHz, Nominal
5) Ground Capacitance — 45 pf/ft @1 kHz, Nominal
6) Conductor DCR — 16.1 Ω/1000ft @20°C, Nominal
7) OA Shield DCR — 16 Ω/1000ft @20°C, Nominal

E. Other

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

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