## ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

ndustry Approvals ) UL CL2P	Effective Date: 8/1/2005
a) Conductor       24 (7/32) AWG BC         b) Insulation       0.008" Wall, Nom. PVC, Plenut         (1) Color Code       Alpha Wire Color Code A1	Diameters
b)Insulation (1)0.008" Wall, Nom. PVC, Plenut Alpha Wire Color Code A1PairColor BLACK-RED3PairColor1BLACK-RED32BLACK-RED32BLACK-RED32BLACK-RED32BLACK-RED32BLACK-RED32BLACK-RED32BLACK-RED32BLACK-RED32BLACK-RED32BLACK-RED42BLACK-RED2Color(1)Twists:8.0 Twists/foot (min)4)Cabled Assembly4 Components Cableda)Twists:4.0 Twists/foot (min)a)Shield:Alum/Mylar Tape, 25% Overlaga)Foil DirectionFoil Facing Outb)Drain Wire24 (7/32) AWG TCc)Jacket0.015" Wall, Nom.,PVC, Plenuta)Color(s)GRAYb)PrintALPHA WIRE-* P/N 57604 4PISHIELDED (UL)TYPE CL2PFT6ROHS* = Factory Code[Note: Product may have c(UL) or CSAndustry Approvals)ULCL2P0CSA InternationalCMPFT6EU Directive 2002/95/EC(RoHS):	
(1) Color CodeAlpha Wire Color Code A1	
Pair       Color         1       BLACK-RED       3         2       BLACK-RED       4         2       BLACK-RED       4         2       BLACK-WHITE       4         2       BLACK-BLUE         2       BLACK-BLUE         2       BLACK-BLUE         4       BLACK-BLUE         4       BLACK-BLUE         4       BLACK-BLUE         3       BLACK-BLUE         4       BLACK-BLUE         4       Components Cabled         a)       Twists:         4.0       Twists/foot (min)         5       Shield:       Alum/Mylar Tape, 25% Overlap         a)       Foil Direction       Foil Facing Out         b)       Drain Wire       24 (7/32) AWG TC         c)       Jacket       0.015" Wall, Nom.,PVC, Plenut         a)       Color(s)       GRAY	m Rated 0.040
1       BLACK-RED       3       BLACK-GREEN         2       BLACK-WHITE       4       BLACK-GREEN         2       BLACK-WHITE       4       BLACK-GREEN         2       BLACK-WHITE       4       BLACK-GREEN         (1)       Twists:       8.0 Twists/foot (min)         2)       Cable Assembly       4 Components Cabled         a)       Twists:       4.0 Twists/foot (min)         a)       Twists:       4.0 Twists/foot (min)         b)       Shield:       Alum/Mylar Tape, 25% Overlap         a)       Foil Direction       Foil Facing Out         b)       Drain Wire       24 (7/32) AWG TC         c)       Jacket       0.015" Wall, Nom.,PVC, Plenut         a)       Color(s)       GRAY         b)       Print       ALPHA WIRE-* P/N 57604 4PI         SHIELDED (UL) TYPE CL2P       FT6         FT6       ROHS       * = Factory Code         [Note: Product may have c(UL) or CSA       *         b)       UL       CL2P         c)       CSA International       CMP         FT6       FT6       FT6         b)       EU Directive 2002/95/EC(RoHS):	
c) Pair 2/Cond Cabled Together (1) Twists: 8.0 Twists/foot (min) 2) Cable Assembly 4 Components Cabled a) Twists: 4.0 Twists/foot (min) 3) Shield: Alum/Mylar Tape, 25% Overlag a) Foil Direction Foil Facing Out b) Drain Wire 24 (7/32) AWG TC c) Jacket 0.015" Wall, Nom.,PVC, Plenus a) Color(s) GRAY b) Print ALPHA WIRE-* P/N 57604 4PH SHIELDED (UL) TYPE CL2P FT6 ROHS * = Factory Code [Note: Product may have c(UL) or CSA ndustry Approvals ) UL CL2P CL2P FT6 ) EU Directive 2002/95/EC(RoHS):	Pair Color
(1) Twists:8.0 Twists/foot (min)2) Cable Assembly4 Components Cableda) Twists:4.0 Twists/foot (min)a) Twists:Alum/Mylar Tape, 25% Overlaga) Foil DirectionFoil Facing Outb) Drain Wire24 (7/32) AWG TCc) Jacket0.015" Wall, Nom.,PVC, Plenuta) Color(s)GRAYb) PrintALPHA WIRE-* P/N 57604 4PISHIELDED (UL) TYPE CL2PFT6ROHS* = Factory CodeI/Mote: Product may have c(UL) or CSAMustry Approvals) ULCL2P(CMP(CMP(FT6<	
(1) Twists:8.0 Twists/foot (min)2) Cable Assembly a) Twists:4 Components Cabled 4.0 Twists/foot (min)3) Shield:Alum/Mylar Tape, 25% Overlag Alum/Mylar Tape, 25% Overlag Foil Facing Out b) Drain Wire4) Foil Direction b) Drain WireFoil Facing Out 24 (7/32) AWG TC 0.015" Wall, Nom.,PVC, Plenut GRAY b) Printa) Color(s) b) PrintGRAY ALPHA WIRE-* P/N 57604 4PI SHIELDED (UL) TYPE CL2P FT6 ROHS * = Factory Code [Note: Product may have c(UL) or CSAndustry ApprovalsCL2P FT6) ULCL2P FT6) ULCL2P FT6) EU Directive 2002/95/EC(RoHS):	
<ul> <li>a) Twists:</li> <li>b) Shield:</li> <li>a) Foil Direction</li> <li>b) Drain Wire</li> <li>color(s)</li> <li>b) Print</li> <li>color(s)</li> <li>b) Print</li> <li>color(s)</li> <li>col</li></ul>	
<ul> <li>shield: Alum/Mylar Tape, 25% Overlag</li> <li>a) Foil Direction Foil Facing Out</li> <li>b) Drain Wire 24 (7/32) AWG TC</li> <li>c) Jacket 0.015" Wall, Nom.,PVC, Plenut</li> <li>a) Color(s) GRAY</li> <li>b) Print ALPHA WIRE-* P/N 57604 4PI</li> <li>SHIELDED (UL) TYPE CL2P</li> <li>FT6 ROHS</li> <li>* = Factory Code</li> <li>[Note: Product may have c(UL) or CSA</li> <li>mdustry Approvals</li> <li>) UL CL2P</li> <li>CSA International CMP</li> <li>FT6</li> <li>EU Directive 2002/95/EC(RoHS):</li> </ul>	
<ul> <li>a) Foil Direction Foil Facing Out</li> <li>b) Drain Wire 24 (7/32) AWG TC</li> <li>c) Jacket 0.015" Wall, Nom.,PVC, Plenut</li> <li>a) Color(s) GRAY</li> <li>b) Print ALPHA WIRE-* P/N 57604 4Pf</li> <li>SHIELDED (UL) TYPE CL2P</li> <li>FT6 ROHS</li> <li>* = Factory Code</li> <li>[Note: Product may have c(UL) or CSA</li> <li>ndustry Approvals</li> <li>) UL CL2P</li> <li>CSA International CMP</li> <li>FT6</li> <li>EU Directive 2002/95/EC(RoHS):</li> </ul>	
b) Drain Wire 24 (7/32) ÅWG TC ) Jacket 0.015" Wall, Nom.,PVC, Plenur a) Color(s) GRAY b) Print ALPHA WIRE-* P/N 57604 4PI SHIELDED (UL) TYPE CL2P FT6 ROHS * = Factory Code [Note: Product may have c(UL) or CSA ndustry Approvals ) UL CL2P ( CMP FT6 EU Directive 2002/95/EC(RoHS):	o, Min.
<ul> <li>a) Color(s)</li> <li>b) Print</li> <li>Color(s)</li> <li>CRAY</li> <li>Color(s)</li> <li>CRAY</li> <li>CRAY</li> <li>CRAY</li> <li>CRAY</li> <li>CRAY</li> <li>CRAY</li> <li>CRAY</li> <li>CRAY</li> <li>CRAY</li> <li>SHIELDED (UL) TYPE CL2P</li> <li>FT6</li> <li>FT6</li> <li>CL2P</li> <li>CSA International</li> <li>CMP</li> <li>CMP</li> <li>FT6</li> <li>EU Directive 2002/95/EC(RoHS):</li> </ul>	
a) Color(s) GRAY b) Print ALPHA WIRE-* P/N 57604 4PI SHIELDED (UL) TYPE CL2P FT6 ROHS * = Factory Code [Note: Product may have c(UL) or CSA ndustry Approvals ) UL CL2P ( CSA International CMP FT6 ) EU Directive 2002/95/EC(RoHS):	
b) Print ALPHA WIRE-* P/N 57604 4PI SHIELDED (UL) TYPE CL2P FT6 ROHS * = Factory Code [Note: Product may have c(UL) or CSA ndustry Approvals ) UL CL2P ( CMP FT6 E) EU Directive 2002/95/EC(RoHS):	m Rated 0.193 (0.205 Max.)
SHIELDED (UL) TYPE CL2P FT6 ROHS * = Factory Code [Note: Product may have c(UL) or CSA ndustry Approvals ) UL CL2P ( CMP ( FT6 ) EU Directive 2002/95/EC(RoHS):	
FT6 ROHS * = Factory Code [Note: Product may have c(UL) or CSA ndustry Approvals ) UL CL2P () CSA International CMP FT6 ) EU Directive 2002/95/EC(RoHS):	
* = Factory Code [Note: Product may have c(UL) or CSA ndustry Approvals ) UL CL2P ( CMP FT6 ) EU Directive 2002/95/EC(RoHS):	LLXXXXXX CSA TYPE CMP
[Note: Product may have c(UL) or CSA ndustry Approvals ) UL CL2P CSA International CMP FT6 ) EU Directive 2002/95/EC(RoHS):	
ndustry Approvals ) UL CL2P 2) CSA International CMP FT6 3) EU Directive 2002/95/EC(RoHS):	
) UL CL2P CSA International CMP FT6 EU Directive 2002/95/EC(RoHS):	A markings depending upon plant of manufacture.]
<ul> <li>CSA International CMP</li> <li>FT6</li> <li>EU Directive 2002/95/EC(RoHS):</li> </ul>	60°C
FT6 EU Directive 2002/95/EC(RoHS):	60°C
) EU Directive 2002/95/EC(RoHS):	
	facture of this part are in compliance with
	g the restriction of use of certain hazardo
	ectronic equipment. Consult Alpha Wire's
web site for compliance Date o	
<ul> <li>California Proposition 65: The outer surface materials use</li> </ul>	
requirements of California Prop	
Physical & Mechanical Properties	
) Temperature Range -20 to 60°C	
b) Bend Radius 10X Cable Diameter	
) Pull Tension 32 Lbs, Maximum	
Electrical Properties (For Engineering purposes on	ly)
) Voltage Rating 150 V <sub>RMS</sub>	
) Mutual Capacitance 35 pf/ft @1 kHz, Nominal	
Ground Capacitance 63 pf/ft @1 kHz, Nominal	
) Characteristic Impedance 62 Ω	
i) Inductance 0.18 μH/ft, Nominal	
) Conductor DCR 23.9 Ω/1000ft @20°C, Nomina	
) OA Shield DCR 15.8 Ω/1000ft @20°C, Nomina	al
Other	
) Packaging	
a) 1000 FT	
gh Alpha Wire Company ("Alpha") makes every reasonable effort to ensure	
pecifications described herein are subject to error or omission and to change cations does not ensure product availability.	e without notice, and the listing of such information a

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