

ALPHA WIRE COMPANY

CUSTOMER PRODUCT SPECIFICATION

Part Number: 6010L	Issue: 1
Page 1 of 1 Pages	Issue Date: 12/19/2008
	Effective Date: 12/19/2008

A. Construction

1) Component 1	3 X 1 PAIR	
a) Conductor	22 (7/30) AWG TC	
b) Insulation	0.010" Wall, Nom. Polypropylene(PP)	0.050
(1) Color Code	Alpha Wire Company Color Code A	

Pair	Color	Pair	Color	Pair	Color
1	BLACK-RED	2	BLACK-WHITE	3	BLACK-GREEN

c)	Pair	2/Cond Cabled Together	
	(1) Twists:	8.0 Twists/foot (min)	
	Individually Applied:		
d)	Shield:	Foil Free Alum/Mylar Tape, 25% Overlap, Min.	
	(1) Foil Direction	Foil Facing In	
	(2) Drain Wire	22 (7/30) AWG TC	
2)	Cable Assembly	3 Components Cabled	
a)	Twists:	4.0 Twists/foot (min)	
b)	Core Wrap	Clear Mylar Tape, 25% Overlap, Min.	
3)	Jacket	0.047" Wall, Nom.,Low Smoke Zero Halogen (LSZH)	0.299 (0.313 Max.)
a)	Color(s)	SLATE	
b)	Print	ALPHA WIRE-* P/N 6010L 3PR 22 AWG	
		SHIELDED 75C (UL) TYPE CM OR 75C C(UL) TYPE CMG	
		LSZH ROHS	
		* = Factory Code	

B. Industry Approvals

1) UL	CM	75°C
2) CSA International	FT4	
	C(UL) TYPE CMG	75°C
3) Other	REACH Regulation (EC 1907/2006)	
4) 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.

C. Physical & Mechanical Properties

- 1) Temperature Range -20 to 75°C
- 2) Bend Radius 10X Cable Diameter
- 3) Pull Tension 49 lbs. Maximum

3) Full Tension D. Electrical Properties

Electrical Properties (For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}
2) Characteristic Impedance	55 Ω
3) Inductance	0.18 μH/ft, Nominal
4) Mutual Capacitance	28 pf/ft @1 kHz, Nominal

E. Other

- 1) Packaging
 - a) Bulk(Made-to-order)
- 2) Notes:
 - a) Flammability - Passes IEC 60332-1
 - b) Acid Gas Generation - Passes IEC 60754-1 and 60754-2
 - c) Smoke Emission - Passes IEC 61034-2

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