

**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

**Part Number: 5473L**  
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**Issue:** 1  
**Issue Date:** 1/5/2009  
**Effective Date:** 1/5/2009

**A. Construction**

1) Component 1	3 X 1 PAIR	<u>Diameters (In)</u>
a) Conductor	24 (7/32) AWG TC	
b) Insulation	0.010" Wall, Nom. Low Smoke Zero Halogen (LSZH)	0.043
(1) Color Code	Alpha Wire Company Color Code K	

  

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

  

c) Pair	2/Cond Cabled Together	
(1) Twists:	9.6 Twists/foot (min)	
2) Cable Assembly	3 Components Cabled	
a) Twists:	5.3 Twists/foot (min)	
3) Shield:	Alum/Mylar Tape, 25% Overlap, Min.	
a) Foil Direction	Foil Facing In	
b) Drain Wire	24 (7/32) AWG TC	
4) Jacket	0.028" Wall, Nom.,Low Smoke Zero Halogen (LSZH)	0.228 (0.241 Max.)
a) Color(s)	SLATE	
b) Print	ALPHA WIRE-* P/N 5473L 3PR 24 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	
3) Other	C(UL) TYPE CMG	75°C
4) EU Directive 2002/95/EC(RoHS):	REACH Regulation (EC 1907/2006)	

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	24.6 Lbs, Maximum

**D. Electrical Properties**

1) Voltage Rating	300 V <sub>RMS</sub>
2) Inductance	0.19 µH/ft, Nominal
3) Conductor DCR	26 Ω/1000ft @20°C, Nominal
4) OA Shield DCR	15.9 Ω/1000ft @20°C, 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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