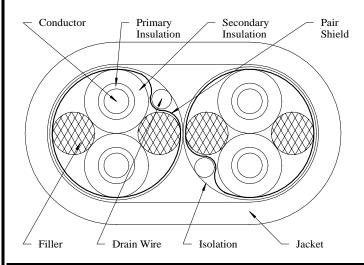
2 PAIR 24 AWG OVAL T-1 LEAD-FREE CABLE



CONSTRUCTION

Pair Component

Conductor: 24 AWG Solid Tin Plated Copper, 0.0201 Inch Diameter

Primary Insulation: 0.006 Inches of Polypropylene, 0.032 Inch Diameter

Secondary Insulation¹: 0.009 Inches of Foam Polyethylene, 0.050 Inch Diameter

Pair: 2 Insulated Conductors Twisted Together with Solid XPbT Filler in Each

Interstice

Pair Shield: Aluminum/Polyester Tape, Alum Side Facing Out, 25% Overlap **Drain Wire:** 24 AWG Solid Tin Plated Copper, 0.0201 Inch Diameter

Isolation: Polyester Tape, 50% Overlap

Final Assembly

Core: 2 Pairs (#1-2) Laid Flat and Parallel Jacket: 0.026 Inches of XPbT, Color – Gray Minor Diameter: 0.165 Inches Nominal Major Diameter: 0.275 Inches Nominal

Print Legend (Black Ink): "TYPE CM 24 AWG (UL) MADISON CABLE CSA

TYPE CMG LEAD-FREE"

Color Code						
Pair #	Conductor #1	Conductor #2				
1	Orange	White				
2	Blue	White				

ELECTRICAL CHARACTERISTICS

Frequency	Differential Impedance	Attenuation			
(MHz)	(Ohms)	(dB/1000 ft Nominal)			
0.772	100 ± 10	6.5			
1	100 ± 10	7.0			

Mutual Capacitance: 14.5 pF/ft Nominal

Conductor DC Resistance: 0.028 Ohms/ft Nominal @ 20°C

SAFETY CERTIFICATION

UL Listing: Type CM as specified in Article 800 of the National Electrical Code

CSA Certification: Type CMG

ROHS Compliance: In Accordance to European Directive 2002/95/EC, Issue

13.2.2003

MADISON Cable **Electronics**		REVISION HISTORY						
		1	10/05/05	RL	Initial Release			
\sim								
125 Goddard Memorial Drive • Worcester, MA 01603 USA								
Tel: (508) 752-2884 Toll-Free: (877) MADISON Fax: (508) 752-4230								
Spec Number:	101-3385							
Part Number:	04XFMLF006							
Customer:		Prepared By:		R. Le	mos		Page	
Customer #:		Reviev	ved By:	E. Pie	kielniak	M. Dupuis	1 of 1	

¹ Compatible with Standard Modular Jack Connectors after Secondary Insulation is Removed.