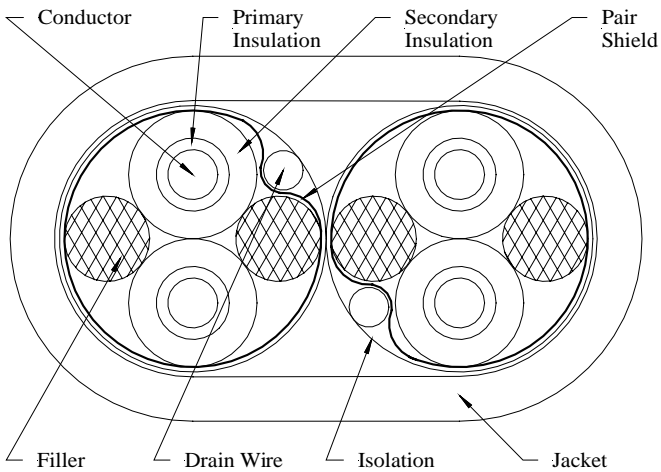


2 PAIR 24 AWG OVAL T-1 LEAD-FREE CABLE



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

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

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 (MHz)	Differential Impedance (Ohms)	Attenuation (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

tyco

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REVISION HISTORY

Rev #	Date	By	Description
1	10/05/05	RL	Initial Release

Spec Number: 101-3385

Part Number: 04XFMLF006

Customer:

Customer #:

Prepared By: R. Lemos

Reviewed By: E. Piekalniak

M. Dupuis

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