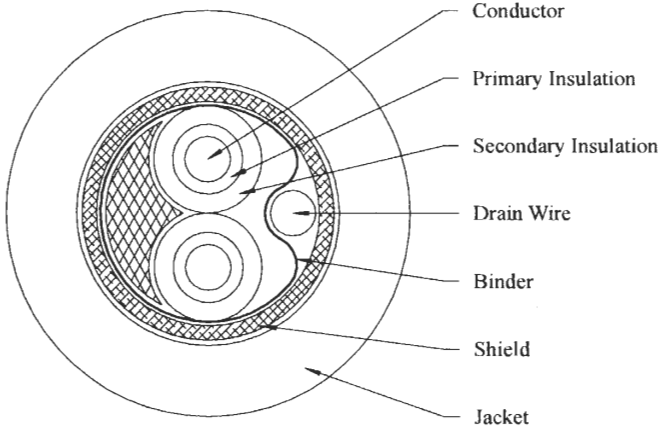


24 AWG TWINAX



SAFETY CERTIFICATION

UL Listing: Type CL2 as specified in Article 725 of the National Electrical Code
C(UL) Listing: Type CMH
RoHS Compliance: In Accordance to European Directive 2002/95/EC, Issue 13.2.2003

CONSTRUCTION

Singles

Conductor: 24 AWG 7/32 Tin Plated Copper, 0.024 Inch Diameter
Primary Insulation: 0.0065 Inches of Polyolefin, 0.037 Inch Diameter
Secondary Insulation: 0.010 Inches of Foam Polyethylene, 0.057 Inch Diameter

Final Assembly

Core: 2 Singles (#1-2) Cabled Together Fibrillated Polypropylene Filler in One Interstice and an 1-1/2 Inch Left Hand Lay
Binder: Paper Tape, 25% Overlap
Drain Wire: 24 AWG 7/32 Tin Plated Copper, 0.024 Inch Diameter
Shield: 38 AWG Tin Plated Copper Braid, 90% Coverage
Jacket: 0.035 Inches of Flexible XPbT, Color – Gray
Diameter: 0.205 Inches Nominal
Print Legend (Light Gray Ink): "TYPE CL2 75°C 24 AWG (UL) MADISON CABLE C(UL) TYPE CMH 60°C RoHS COMPLIANT"

COLOR CODE

Conductor #	Insulation Color
1	Black
2	Yellow

ELECTRICAL CHARACTERISTICS

Differential Impedance: 105 ± 20% Ohms @ 5 MHz
Mutual Capacitance: 16 pF/ft Nominal
Time Delay: 1.48 ns/ft Nominal
Attenuation: 16 dB/1000 ft Nominal @ 5 MHz
Conductor DC Resistance: 0.025 Ohms/ft Nominal @ 20°C

125 Goddard Memorial Drive • Worcester, MA 01603 USA
 Tel: (508) 752-2884 Toll-Free: (877) MADISON Fax: (508) 752-4230

REVISION HISTORY

Rev #	Date	By	Description
1	09/21/07	DC	Initial Release

Spec Number:	101-6826
Part Number:	02AFLLF001
Customer:	
Customer #:	

Prepared By:	D.M. Card	Page	1 of 1
Reviewed By:	T. Grzysiewicz	B. Morissette	