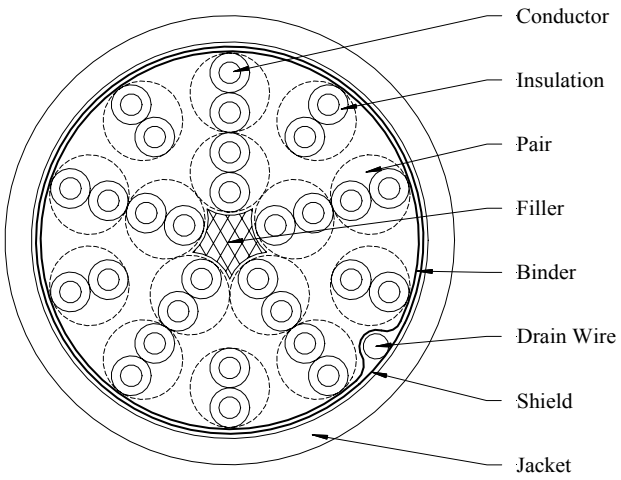
15 PAIR 24 AWG CABLE



CONSTRUCTION

Pair Component

Conductor: 24 AWG 7/32 Tin Plated Copper, 0.024 Inch Diameter
Insulation: 0.010 Inches of XPbT, 0.044 Inch Diameter
Pair: 2 Insulated Conductors Twisted Together

Final Assembly

Core: Fibrillated Polypropylene Filler
Layer 1: 5 Pairs (#1-5) Cabled Around Core
Layer 2: 10 Pairs (#6-15) Cabled Around Layer 1
Binder: Polyester Tape, 25% Overlap
Drain Wire: 24 AWG 7/32 Tin Plated Copper, 0.024 Inch Diameter
Shield: Aluminum/Polyester Tape, Aluminum Side Facing In, 25% Overlap
Jacket: 0.032 Inches of XPbT, Color – Chrome Gray
Diameter: 0.405 Inches Nominal
Print Legend (Black Ink): "TYPE CM 90° 24 AWG (UL) OR AWM STYLE 2464 MADISON CABLE C(UL) TYPE CMG 90°C CE RoHS COMPLIANT"
Footage Markings: Sequential footage marked every 24 Inches on jacket.

COLOR CODE

Pair #	Conductor #1	Conductor #2
1	White	Black
2	White	Brown
3	White	Red
4	White	Orange
5	White	Yellow
6	White	Green
7	White	Blue
8	White	Violet
9	White	Gray
10	Black	Brown
11	Black	Red
12	Black	Orange
13	Black	Yellow
14	Black	Green
15	Black	Blue

ELECTRICAL CHARACTERISTICS

Differential Impedance: 88 Ohms Nominal @ TDR
Mutual Capacitance: 24 pF/ft Nominal @ 1 kHz
Time Delay: 1.73 ns/ft Nominal
Conductor DC Resistance: 0.024 Ohms/ft Nominal @ 20°C

SAFETY CERTIFICATION

UL Listing: Type CM as specified in Article 800 of the National Electrical Code
UL Recognized: AWM Style 2464 80°C 300 Volts VW-1
C(UL) Listing: Type CMG as specified in Article 800 of the National Electrical Code
RoHS Compliance: In Accordance to European Directive 2002/95/EC, Issue 13.2.2003

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Spec Number:	**101-5717**
Part Number:	**30RFJLF002**
Customer:	
Customer #:	

REVISION HISTORY

1	11/14/06	HA	Initial Release
2	12/01/06	HA	Revised Jacket Color

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