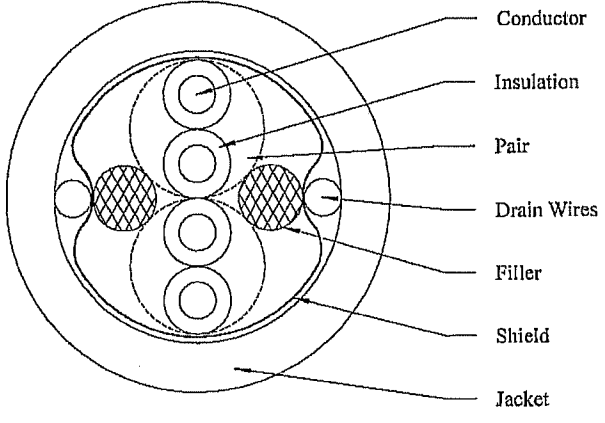


770928

2 PAIR 26 AWG LEAD-FREE CABLE



-34 dB/km Maximum Swept from 12 to 20 MHz
 -52 dB/km Maximum Swept from 3 to 5 MHz
 -75 dB/km Maximum @ 38.4 kHz
 -80 dB/km Maximum @ 9.6 kHz
 Capacitance Unbalance-to-Ground: 1500 pF/km Maximum @ 1 kHz
 Conductor DC Resistance: 0.151 Ohms/km Maximum @ 20°C

SAFETY CERTIFICATION

UL Recognized: AWM Style 20276 80°C 30 Volts VW-1
 ROHS Compliance: In Accordance to European Directive 2002/95/EC, Issue 13.2.2003

CONSTRUCTION

Pair Component
 Conductor: 26 AWG 7/34 Tin Plated Copper, 0.019 Inch Diameter
 Primary Insulation: 0.008 Inches of Polypropylene, 0.035 Inch Diameter
 Secondary Insulation: 0.019 Inches of Foam Polyethylene, 0.073 Inch Diameter
 Pair: 2 Insulated Conductors Twisted Together, Lay Lengths Varied Between Pairs to Minimize Crosstalk

Final Assembly
 Core: 2 Pairs (#1-2) Cabled Together with Solid Polyolefin Fillers in Each Interstice
 Shield: Aluminum/Polyester Tape, Aluminum Side Facing Out, 25% Overlap
 Drain Wires (2): 28 AWG 7/36 Tin Plated Copper, 0.015 Inch Diameter
 Jacket: 0.0325 Inches of Super Flexible XPbT, Color - Black
 Diameter: 0.315 ± 0.010 Inches
 Print Legend (White Ink): "MADISON CABLE AWM STYLE 20276 80°C 30V VW-1 LEAD-FREE"

COLOR CODE

Pair #	Conductor #1	Conductor #2
	Ins Color #1/Ins Color #2 /Tracer Color	Ins Color #1/Ins Color #2 /Tracer Color
1	Red/Natural/Red	Green/Natural/Green
2	Black/Natural/Black	Orange/Natural/Orange

ELECTRICAL CHARACTERISTICS

Differential Impedance:
 150 ± 15 Ohms Swept from 3 to 20 MHz
 235 ± 35.25 Ohms @ 38.4 kHz
 390 ± 58.5 Ohms @ 9.6 kHz

Differential Attenuation:
 66 dB/km Maximum @ 16 MHz
 33 dB/km Maximum @ 4 MHz
 7.4 dB/km Maximum @ 38.4 kHz
 6 dB/km Maximum @ 9.6 kHz

Near-End Crosstalk : (Measured on a 500 meter or greater length)

MADISON Cable *tyco* Electronics
 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	02/23/93	BH	Initial Release
2	03/05/93	BH	Added P/N
3	07/23/93	BH	Revised Insulation OD
4	05/24/95	BH	Revised Drain Wires; Corrected P/N
5	06/03/05	EP	Revised to LF, P/N, Legend

Spec Number: 7055
 Part Number: 04ZEJLF004
 Customer:
 Customer #:

Prepared By: E. Pielkielniak
 Reviewed By: R. Lemos M. Dupuis
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