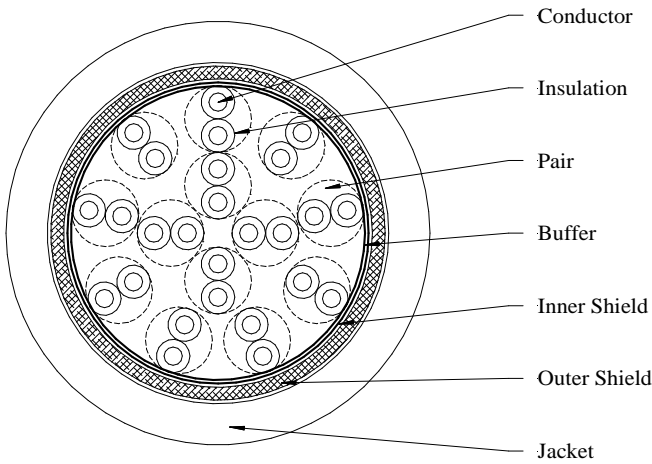


13 PAIR 28 AWG CABLE



CONSTRUCTION

Pair Component

Conductor: 28 AWG 7/36 Tin Plated Copper, 0.015 Inch Diameter

Insulation: 0.007 Inches of Polypropylene, 0.029 Inch Diameter

Pair: 2 Insulated Conductors Twisted Together

Final Assembly

Core: 4 Pairs (#1-4) Cabled Together

Layer 1: 9 Pairs (#5-13) Cabled Around Core

Buffer: Foam Polypropylene Tape

Inner Shield: Aluminum/Polyester Tape, Aluminum Side Facing Out, 25% Overlap

Outer Shield: 36 AWG Tin Plated Copper Braid, 85% Coverage

Jacket: 0.023 Inches of PVC, Color – Black

Diameter: 0.280 Inches Nominal

Print Legend (White Ink): "MADISON CABLE {Mfg Location Code}¹ (UL) TYPE CL2 75°C 28 AWG CSA AWM II A/B 75°C 300V FT4 RoHS COMPLIANT {Date Code}²"

¹ Mfg. Location Code, if applicable.

² Date code is a 4-digit code with the first 2 digits identifying the calendar week and the last 2 digits identifying the calendar year of manufacture. Example - 0206 for cable manufactured the second week of 2006.

COLOR CODE

Pair #	Conductor #1	Conductor #2
1	White/Tan	Tan/White
2	White/Brown	Brown/White
3	White/Pink	Pink/White
4	White/Orange	Orange/White
5	White/Yellow	Yellow/White

6	White/Green	Green/White
7	White/Blue	Blue/White
8	White/Violet	Violet/White
9	White/Gray	Gray/White
10	Tan/Brown	Brown/Tan
11	Tan/Pink	Pink/Tan
12	Tan/Orange	Orange/Tan
13	Tan/Yellow	Yellow/Tan

ELECTRICAL CHARACTERISTICS

Impedance:

Differential: 105 ± 10 Ohms @ TDR

Single-Ended: 68 ± 10 Ohms @ TDR

Capacitance:

Mutual: 16 pF/ft Maximum

Single-Ended: 25 pF/ft Maximum

Time Delay: 1.60 ns/ft Maximum

Time Delay Skew: 0.040 ns/ft Maximum

Differential Attenuation: 0.079 dB/ft Maximum @ 50 MHz

Conductor DC Resistance: 0.070 Ohms/ft Maximum @ 20°C

SAFETY CERTIFICATION

UL Listing: Type CL2 as specified in Article 725 of the National Electrical Code

CSA Certification: AWM II A/B 75°C 300 Volts FT4

RoHS Compliance: In Accordance to European Directive 2002/95/EC, Issue 13.2.2003

REVISION HISTORY

1	01/28/05	RL	Initial Release
2	10/20/05	EP	Added Part Number
3	11/08/05	EP	Revised Legend
4	02/23/07	DM	Revised Electricals, Insulation Wall/OD
5	02/10/11	EP	Add Date Code

Tyco Electronics **MADISON Cable**
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Spec Number: 101-2076

Part Number: 26SDKLF025

Customer:

Customer #:

Prepared By: E. Piekelniaik

Reviewed By: T. Grzysiewicz

Page

1 of 1

Users should evaluate the suitability of this product for their application. Contact factory for latest revision of specification. Tyco Electronics reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to the Buyer.