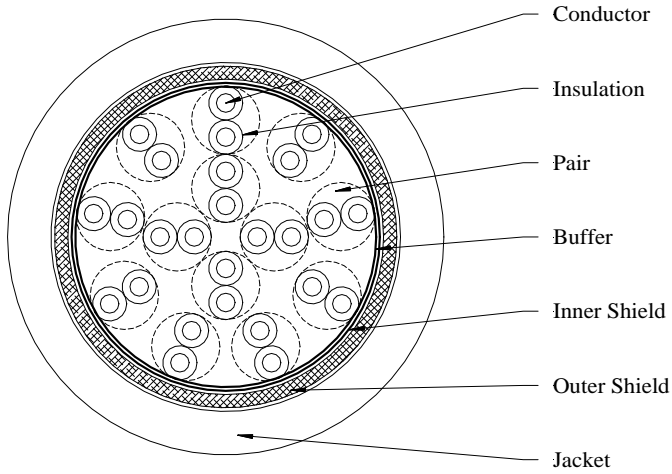


# 13 PAIR 28 AWG CABLE



## 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  
**Binder:** Foam Polypropylene Tape, 50% Overlap  
**Inner Shield:** Aluminum/Polyester Tape, Aluminum Side Facing Out, 25% Overlap  
**Outer Shield:** 36 AWG Tin Plated Copper Braid, 85% Coverage  
**Jacket:** 0.030 Inches of PVC, Color – Black  
**Diameter:** 0.295 Inches Nominal, 0.310 Inches Maximum  
**Print Legend (White Ink):** "MADISON CABLE (UL) TYPE CL2 75°C 28 AWG  
 CSA AWM II A/B 75°C 300V FT1 RoHS COMPLIANT {Date Code}<sup>1</sup>

<sup>1</sup> 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 FT1

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



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## REVISION HISTORY

1	03/22/04	HA	Initial Release
2	06/01/05	HA	Added ROHS Compliance
3	06/28/05	DM	Revised print legend
4	10/31/06	DM	Revised electricals, buffer overlap
5	12/09/11	DM	Added Date Code

**Spec Number:** 101-1057

**Part Number:** 26SDKLF015

**Customer:**

**Customer #:**

**Prepared By:** D.M. Card

**Reviewed By:** T. Grzysiewicz

B. Morissette

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