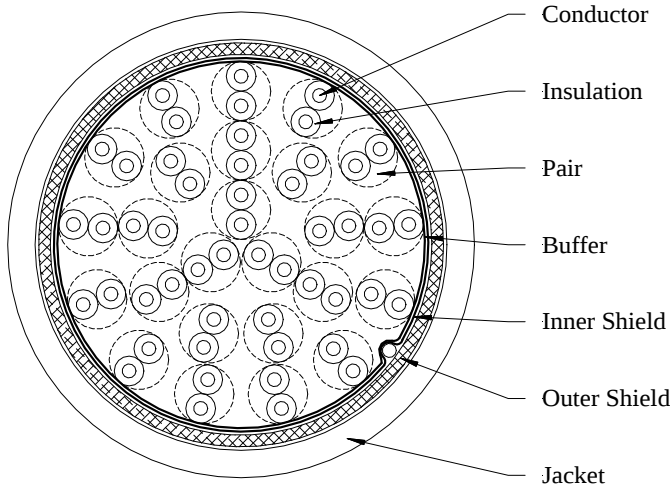


# 25 PAIR 28 AWG FAST 5 SCSI CABLE



## CONSTRUCTION

### Pair Component

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

**Insulation:** 0.00975 Inches of Polypropylene, 0.0345 Inch Diameter

**Pair:** 2 Insulated Conductors Twisted Together

### Final Assembly

**Core:** 3 Pairs (#1-3) Cabled Together

**Layer 1:** 9 Pairs (#4-12) Cabled Around Core

**Layer 2:** 13 Pairs (#13-25) Cabled Around Layer 1

**Buffer:** Foam Polypropylene Tape, 25% Overlap

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

**Drain Wire:** 24 AWG 7/32 Tin Plated Copper, 0.024 Inch Diameter

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

**Jacket:** 0.022 Inches of PVC, Color – Black

**Diameter:** 0.415 ± 0.010 Inches

**Print Legend (White Ink):** "MADISON CABLE (UL) TYPE CL2 75°C 28 AWG CSA TYPE CMH 60°C 101-4361 SCSI-2 RoHS COMPLIANT {Date Code}"<sup>1</sup>

<sup>1</sup> Date Code is a 4-digit code with the first two digits identifying the calendar week and the last two identifying the calendar year of manufacturing. Example – 0206 for cable manufactured in the second week of January 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   |
| 14 | Tan/Green    | Green/Tan    |
| 15 | Tan/Blue     | Blue/Tan     |
| 16 | Tan/Violet   | Violet/Tan   |
| 17 | Tan/Gray     | Gray/Tan     |
| 18 | Brown/Pink   | Pink/Brown   |
| 19 | Brown/Orange | Orange/Brown |
| 20 | Brown/Yellow | Yellow/Brown |
| 21 | Brown/Green  | Green/Brown  |
| 22 | Brown/Blue   | Blue/Brown   |
| 23 | Brown/Violet | Violet/Brown |
| 24 | Brown/Gray   | Gray/Brown   |
| 25 | Pink/Orange  | Orange/Pink  |

## ELECTRICAL CHARACTERISTICS

### Impedance:

**Differential:** 123 ± 9 Ohms @ TDR

**Single-Ended:** 79 ± 7 Ohms @ TDR

### Capacitance:

**Mutual:** 15.0 pF/ft Maximum

**Single-Ended:** 24.0 pF/ft Maximum

**Time Delay:** 1.58 ns/ft Maximum

**Time Delay Skew:** 0.035 ns/ft Maximum

### Attenuation:

**Differential:** 0.07 dB/ft Maximum @ 50 MHz

**Single-Ended:** 0.20 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:** Type CMH

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



### Madison Cable

125 Goddard Memorial Drive  
Worcester, MA 01603 USA  
(508) 752-2884 (877) MADISON

**Spec Number:** 101-4361

**Part Number:** 50SDKLF150

**Customer:**

**Customer #:**

## REVISION HISTORY

|   |          |    |                                       |
|---|----------|----|---------------------------------------|
| 1 | 02/21/06 | EP | Initial Release                       |
| 2 | 03/09/06 | HA | Revised Legend                        |
| 3 | 11/02/09 | RL | Converted to new format               |
| 4 | 10/15/12 | SJ | Revised Print Legend; Added Date Code |
| 5 | 11/19/12 | HA | Revised Jacket Diameter               |

**Prepared By:** H. Abusamra

**Reviewed By:** H. Themistocle

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.