25 PAIR 28 AWG FAST 5 SCSI CABLE

- Conductor
- Insulation
- Pair
- Buffer
- Inner Shield
- Outer Shield
- Jacket

CONSTRUCTION
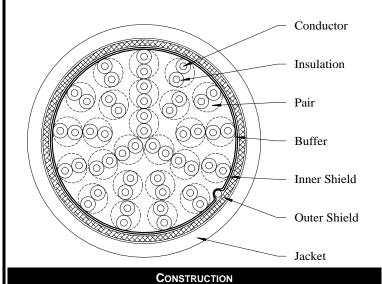
Pair Component
Conductor: 28 AWG 7/36 Tin Plated Copper, 0.015 Inch Diameter
Insulation: 0.00975 Inches of Polypropylene, 0.0345 Inch Diameter
Pair: 2 Insulated Conductors Twisted Together

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}[1]"

[1] 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

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

Spec Number: 101-4361
Part Number: 50SDKLF150

Customer:
Customer #:

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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.

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