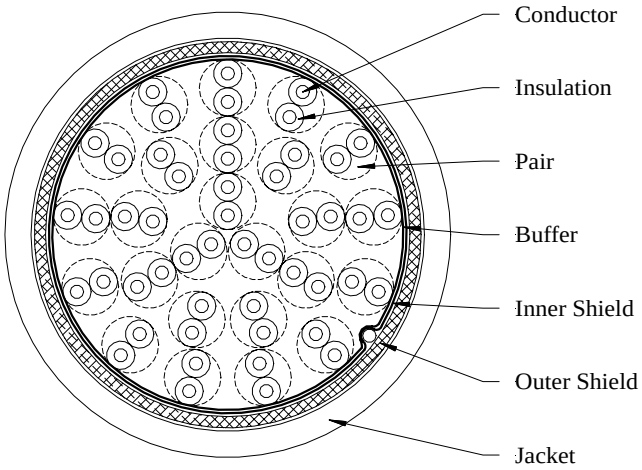
25 PAIR 28 AWG SCSI-2 CABLE



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 Conductor 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 XPbT, Color – Black
Diameter: 0.405 ± 0.010 Inches
Print Legend (White Ink): "TYPE CL2 75°C 28 AWG (UL) MADISON CABLE CSA TYPE CMH 60°C 101-4361 SCSI-2 RoHS COMPLIANT"

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

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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

Prepared By:	H. Abusamra		Page 1 of 1
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