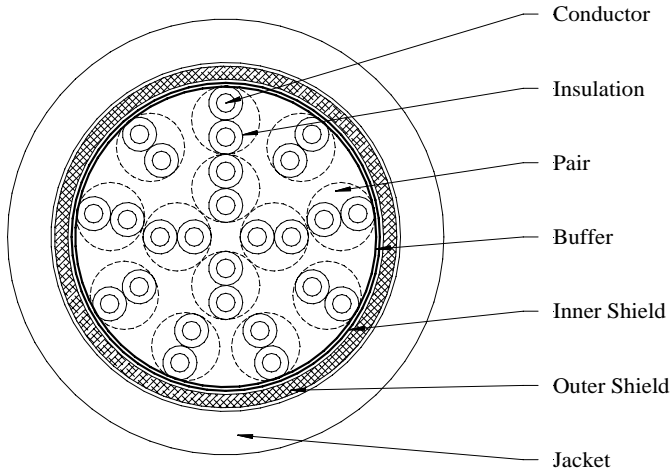


13 PAIR 28 AWG CABLE



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

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 XPbT, Color – Black
Diameter: 0.295 Inches Nominal, 0.310 Inches Maximum
Print Legend (White Ink): "TYPE CL2 75°C 28 AWG (UL) MADISON CABLE
 CSA AWM II A/B 75°C 300V FT1 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

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REVISION HISTORY

Rev #	Date	By	Description
1	03/22/04	HA	Initial Release
2	06/01/05	HA	Added ROHS Compliance
3	06/28/05	DC	Revised print legend
4	10/31/06	DC	Revised Electricals and buffer overlap

Spec Number:	101-1057	Prepared By:	D.M. Card		
Part Number:	26SDKLF015	Reviewed By:	B. Harvie	B. Harvie	
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