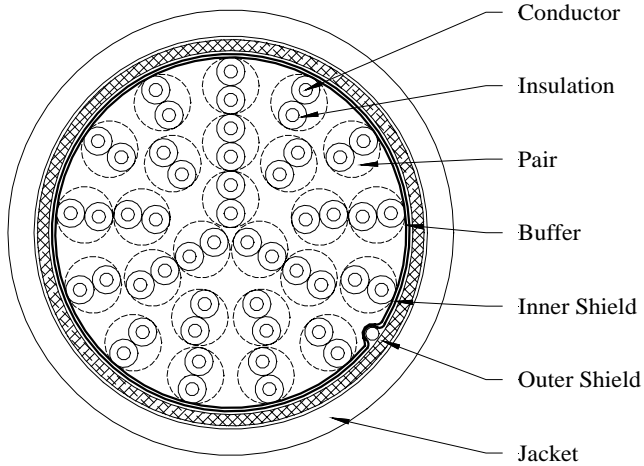


25 PAIR 28 AWG 123 OHM SCSI-2 CABLE



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: 0.005 Inch 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: 0.405 ± 0.010 Inches
Print Legend (Light Gray Ink): TYPE CL2 75°C 28 AWG (UL) MADISON CABLE CORP. CSA TYPE CMH 60°C 4099 SCSI-2"

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



125 Goddard Memorial Drive • Worcester, MA 01603 USA
 Tel: (508) 752-2884 Toll-Free: (877) MADISON Fax: (508) 752-4230

Spec Number: 4099
Part Number: 50SD09BTID

Customer:
Customer #:

REVISION HISTORY

7	02/03/99	BH	Revised format
8	08/17/93	BH	Added CSA Certification
9	01/17/94	BH	Released in new format
10	10/16/97	JF	Revised CSA
11	08/19/98	KA	Revised print legend
12	10/17/05	DC	Revised Impedance tolerances

Prepared By: D.M. Card
Reviewed By: B. Harvie B. Morissette
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