

X3T9.2/89-154

**DECONNECT MEDIA LAB
EVALUATION OF
SCSI-2 CABLES**

**DIGITAL EQUIPMENT CORP
153 TAYLOR RD
LITTLETON MASS**

**NETWORKS AND
COMMUNICATIONS DIVISION**

TESTING PERFORMED BY

C.DIMINICO

J.IAMARTINO

L.MACLELLAN

MADISON CABLE CO. SCSI-2 EVALUATION SUMMARY

1. DC RESISTANCE: 0.066 OHMS/FT AVG.
2. SINGLE ENDED CAP @ 10KHZ: 26.07 PF/FT AVG.
3. ATTEN SINGLE ENDED @5MHZ: 0.0237 DB/FT AVG.
4. ATTEN DIFFERENTIAL @5MHZ: 0.0256 DB/FT AVG.
5. IMPEDANCE SINGLE ENDED TDR 82.07 OHMS AVG.
6. IMPEDANCE SINGLE ENDED TDR 76.58 OHMS MIN.
7. IMPEDANCE SINGLE ENDED TDR 85.13 OHMS MAX.
8. IMPEDANCE-DIFFERENTIAL TDR 122.55 OHMS AVG.
9. IMPEDANCE-DIFFERENTIAL TDR 117.90 OHMS MIN.
10. IMPEDANCE-DIFFERENTIAL TDR 126.70 OHMS MAX.
11. DELAY-DIFFERENTIAL 1.595 NS/FT AVG
12. DELAY-DIFFERENTIAL -DELTA/SKEW 0.049 NS/FT
13. DELAY SINGLE ENDED NET ANAL@5MHZ 1.505 NS/FT

C&M CORPORATION SCSI-2 EVALUATION SUMMARY

1. DC RESISTANCE: 0.069 OHMS/FT AVG.
2. SINGLE ENDED CAP @ 10KHZ: 17.877 PF/FT AVG.
3. ATTEN SINGLE ENDED @ 5MHZ: 0.0236 DB/FT AVG.
4. ATTEN DIFFERENTIAL @ 5MHZ: 0.0267 DB/FT AVG.
5. IMPEDANCE SINGLE ENDED TDR 80.34 OHMS AVG.
6. IMPEDANCE SINGLE ENDED TDR 75.00 OHMS MIN.
7. IMPEDANCE SINGLE ENDED TDR 88.88 OHMS MAX.
8. IMPEDANCE-DIFFERENTIAL TDR 137.37 OHMS AVG.
9. IMPEDANCE-DIFFERENTIAL TDR 129.91 OHMS MIN.
10. IMPEDANCE-DIFFERENTIAL TDR 140.23 OHMS MAX.
11. DELAY-DIFFERENTIAL 1.41 NS/FT AVG
12. DELAY-DIFFERENTIAL -DELTA/SKEW 0.101 NS/FT
13. DELAY SINGLE ENDED not tested