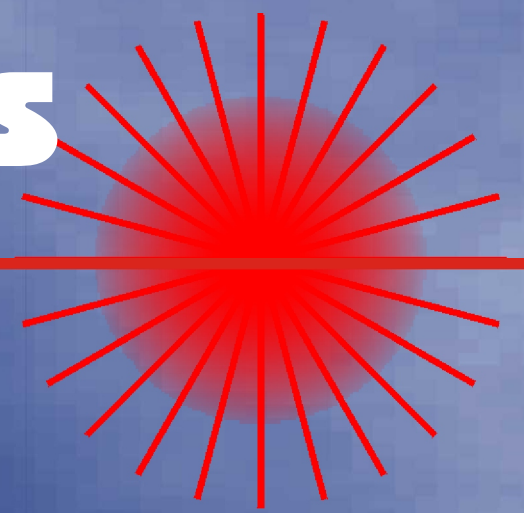




# Optical Wavelength Laboratories

Manufacturer of Quality Optical Fiber Test Equipment



- OPTICAL POWER METERS
- LED & LASER SOURCES
- LENGTH TESTERS
- TALKSETS
- VFL'S



MADE IN USA

OWL REPORTER SOFTWARE GENERATES N.I.S.T. TRACEABLE CERTIFICATION REPORTS!



**Circuit Detail Report**  
Optical Wavelength Laboratories

Site ID: West Warehouse  
Company Name: Computer  
Telephone Number: 262-473-7283

Page: 27  
Meter Type: MicroOWL  
Serial Number: BN MO11009  
Software Version: V1.12  
Report Date: 01/19/2001

Circuit ID: B80NEK05  
Calibration Date: 10/14/2000

Date of Test: 11/24/2000  
Temperature: 81.0 F

**Circuit Characteristics**

Fiber Length (in kilometers): 1.98  
Number of Connector Pairs: 2  
Number of Splices: 1  
Cable Type: INDOOR SM

**Circuit Test Results**

	850nm	1300nm	1310nm	1550nm
Passive Cable System Attenuation				
Detected Source Power	-10.75dBm	-	-10.13dBm	-10.29dBm
Fiber Loss	1.96dB	-	1.96dB	1.96dB
Connector Loss	1.50dB	-	1.50dB	1.50dB
Splice Loss	0.30dB	-	0.30dB	0.30dB
Total Calculated System Attenuation	3.76dB	-	3.76dB	3.76dB
Minimum Required Power (TR-800)	-14.52dBm	-	-13.80dBm	-14.55dBm
Absolute System Power	-13.01dBm	-	-11.74dBm	-11.68dBm
Cable Performance Margin	0.91dB	-	2.15dB	2.37dB
Operating Margin	16.07%	-	46.57%	52.72%
Pass/Fail	Pass	-	Pass	Pass

Notes: 1 - Manually set reference. 2 - Fiber type mismatch. 3 - Not covered by TIA standard.

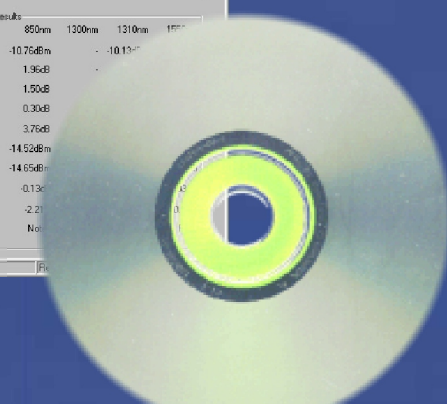
Company: Computer  
Site ID: West Warehouse  
Circuit ID: B80NEK05  
Calibration Date: 10/14/2000

Fiber Length (in kilometers): 1.98  
Number of Connector Pairs (0.75dB per pair): 2  
Number of Splices (0.30dB per splice): 1  
Cable Type: INDOOR SM

**Circuit Test Results**

	850nm	1300nm	1310nm	1550nm
Passive Cable System Attenuation				
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Connector Loss	1.50dB	-	1.50dB	1.50dB
Splice Loss	0.30dB	-	0.30dB	0.30dB
Calculated System Attenuation	3.76dB	-	3.76dB	3.76dB
System Reference Power	-14.52dBm	-	-13.80dBm	-14.55dBm
Absolute System Power	-13.01dBm	-	-11.74dBm	-11.68dBm
Cable Performance Margin	0.13dB	-	2.21dB	2.37dB
Operating Margin %	-2.21%	-	46.57%	52.72%
Pass/Fail	Fail	-	Pass	Pass

Ready 08:51 01/19/2001



# OWL - The Wise choice!