

Project Name: Core Competencies ACME Holdings United States of America 987-654-3210	Installation/Testing Company TREND Networks Illinois United States of America --	Testing Date Range JUN 14, 2022 to JUN 14, 2022	Certifiers Used on Project LanTEK IV 3000 / 21250018 / OCT 29, 2019
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Twisted Pair Test Count: Passed: Failed: % Pass: Length (ft):	Coaxial Test Count: Passed: Failed: % Pass: Length (ft):	Fiber Optic Test Count: 1 Passed: 1 Failed: 0 % Pass: 100 Length (ft): 654' 5"	Project Technicians Sherman Peabody
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Job Notes:

Fiber Optic Summary

	Highest Insertion Loss	Lowest Margin	Longest Cable
	0.78(dB)	1.19(dB)	654' 5"(ft)
Test ID	Port G1	Port G1	Port G1
	Average Insertion Loss	Average Margin	Average Cable Length
	0.78(dB)	1.19(dB)	654' 5"(ft)



Core Competencies

ACME Holdings

06/14/2022

Test Name	Length (ft)	Date	Cable Category	Test Standard	Result
Port G1	654' 5"	06/14/2022 12:02 PM	50um OM3	ANSI/TIA	Pass





Test ID: Port G1
 Date/Time:06/14/2022 12:02 PM
 Project Name:Core Competencies
 Customer Name:ACME Holdings
 Operator:Sherman Peabody

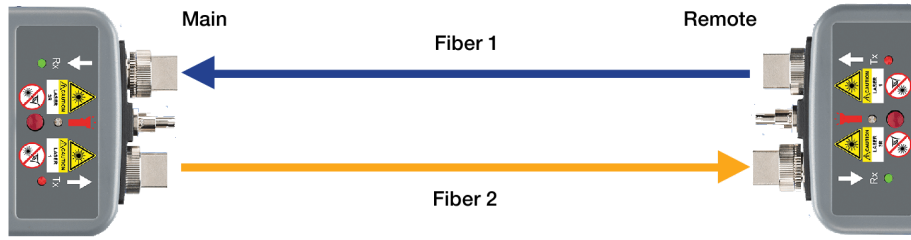
Test Standard:ANSI/TIA
Test Limit:ANSI/TIA-568.3-D-1: 2019
 Test Type: Fiber Autotest
 Fiber Type: 50um OM3
 Cable Brand/Model:Generic MMF
 Main Connector:SC
 Remote Connector:SC

Tester Model : LanTEK IV / FiberTEK IV OLTS
 Main Handset S/N:21250018
 S/W:3.0.12
 Calibration Date:10/29/2019
 MM Fibre : S/N 19380061
 Remote Handset S/W:3.0.12
 Calibration Date:01/01/1970

Test Information	
Test Type	Fiber Autotest
Configuration	2 Fiber, Bi-directional
Reference Type	1 Jumper
First/Last Adapters	2 @ 0.75 dB
Other Adapters	0 @ 0.75 dB
Number Splices	0 @ 0.30 dB
Jumper Grade	Reference
Encircled Flux Launch	Yes

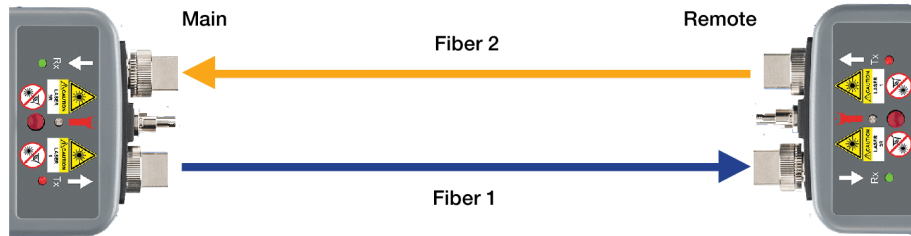
Headroom			
Fiber #	Margin	Wavelength	
Fiber 1 :	1.36 dB	850 nm	
Fiber 2 :	1.19 dB	1300 nm	

Length			
RI	Limit	Result	
1.49	6561' 8" ft	654' 5" ft ✓	



Test 1

Fiber Number	Test Direction	Wavelength (nm)	Insertion Loss (dB)	Loss Budget/Limit (dB)	Margin (dB)	Result
Fiber 1	Remote To Main	850.00	0.74	2.10	1.36	✓
Fiber 1	Remote To Main	1300.00	0.42	1.80	1.38	✓
Fiber 2	Main To Remote	850.00	0.38	2.10	1.72	✓
Fiber 2	Main To Remote	1300.00	0.29	1.80	1.51	✓



Test 2

Fiber Number	Test Direction	Wavelength (nm)	Insertion Loss (dB)	Loss Budget/Limit (dB)	Margin (dB)	Result
Fiber 1	Main To Remote	850.00	0.38	2.10	1.72	✓
Fiber 1	Main To Remote	1300.00	0.10	1.80	1.70	✓
Fiber 2	Remote To Main	850.00	0.78	2.10	1.32	✓
Fiber 2	Remote To Main	1300.00	0.61	1.80	1.19	✓

Supported Applications:

ATM155, ATM52, ATM622 Fiber Optic, FDDI Fiber Optic, Fibre Channel 133, Fibre Channel 266, 1000BASE-LX, 100BASE-FX, 10GBASE-LX8