

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
SO144084.1	PASS	ANSI/TIA-568.3-D-1	193.2 m	N/A	08/28/2023 02:43 PM
SO144084.2	PASS	ANSI/TIA-568.3-D-1	193.2 m	N/A	08/28/2023 02:44 PM
SO144084.3	PASS	ANSI/TIA-568.3-D-1	193.2 m	N/A	08/28/2023 02:44 PM
SO144084.4	PASS	ANSI/TIA-568.3-D-1	193.2 m	N/A	08/28/2023 02:44 PM

Total Length:	772.8 m
Number of Reports:	4
Number of Passing Reports:	4
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: SO144084.1

Date / Time: 08/28/2023 02:43:31 PM
Cable Type: OS2 Singlemode

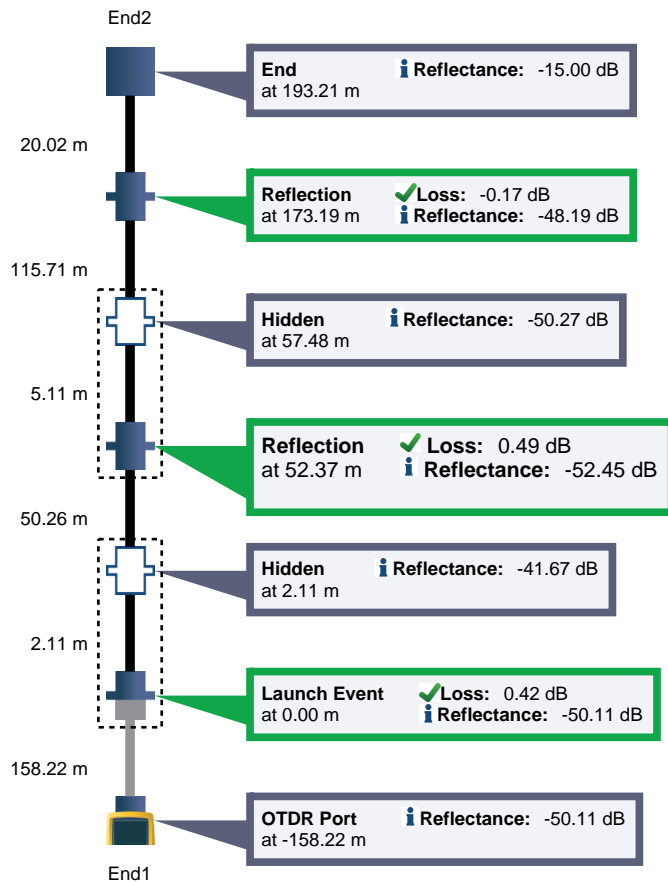
n = 1.467000 (1310 nm)
n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

OTDR End1 EventMap

Fiber Length: 193.21 m
Overall Loss: 0.77 dB



OTDR End1 PASS

Test Limit: ANSI/TIA-568.3-D-1
Limits Version: 7.6
Date / Time: 08/28/2023 02:43:31 PM
Operator: TARQUIN
Versiv
S/N: 20443584
Software Version: V6.7 Build 1
Module: OptiFiber Pro (OFP-QUAD)
S/N: 20514467
Calibration Date: 10/13/2022

Launch Only
Launch Type: Singlemode
Launch Length : 158.22 m
Compensation Date: 08/28/2023 02:42 PM
Macrobend Thresholds
1550 nm - 1310 nm Δ : 0.50 dB

Auto OTDR	1310 nm	1550 nm
Range (Auto)	418 m	421 m
Resolution (Auto)	0.03 m	0.03 m
Pulse Width (Auto)	10 ns	30 ns
Averaging Time (Auto)	9 s	5 s
Loss Threshold (Auto)	0.10 dB	0.10 dB
End Threshold (Auto)	0.00 dB	0.00 dB



Cable ID: SO144084.1

Date / Time: 08/28/2023 02:43:31 PM

Cable Type: OS2 Singlemode

n = 1.467000 (1310 nm)

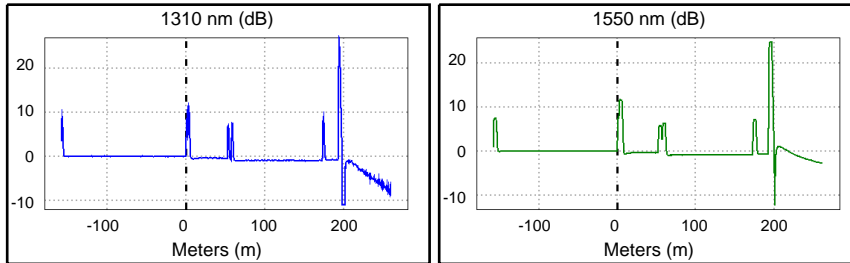
n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)

Backscatter Coefficient: -82.0dB (1550 nm)

OTDR End1 PASS



Measurements	Status	1310 nm		1550 nm	
		Value	Limit	Value	Limit
Overall Length (m)	PASS	193.21	40000.0	0.66	
Overall Loss (dB)		0.77		41.00	
ORL (dB)		41.28			
Events					
193.21 m End					
Reflectance (dB)		-15.68		-15.00	
attn coeff (db/km)		0.15		0.00	
173.19 m Reflection	PASS				
Loss (dB)		-0.17	0.75	-0.19	0.75
Reflectance (dB)		-48.19		-49.92	
attn coeff (db/km)		0.15		0.10	
57.48 m Hidden					
Reflectance (dB)		-50.27		-51.65	
52.37 m Reflection	PASS				
Loss (dB)		0.49	0.75	0.49	0.75
Reflectance (dB)		-52.45		-53.88	
attn coeff (db/km)		0.15		0.10	
2.11 m Hidden					
Reflectance (dB)		-43.70		-41.67	
0.00 m Launch Event	PASS				
Loss (dB)		0.42	0.75	0.34	0.75
Reflectance (dB)		-50.11		-51.08	
attn coeff (db/km)		0.19		0.17	
-158.22 m OTDR Port					
Reflectance (dB)		-50.11		-51.25	

-WARNING: Negative Loss value found in test result.



Cable ID: SO144084.2

Date / Time: 08/28/2023 02:44:00 PM
Cable Type: OS2 Singlemode

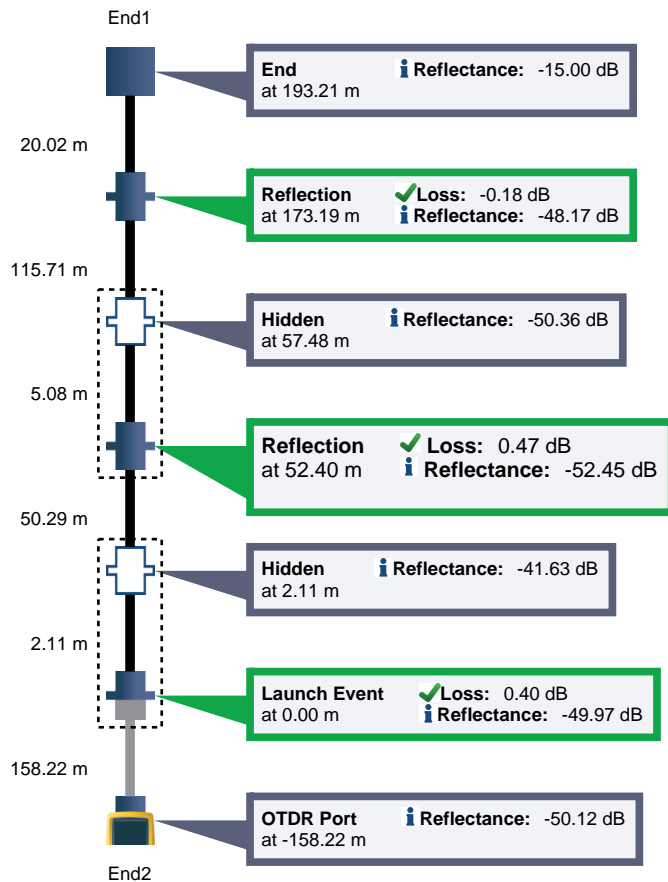
n = 1.467000 (1310 nm)
n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

OTDR End2 EventMap

Fiber Length: 193.21 m
Overall Loss: 0.78 dB



OTDR End2 PASS

Test Limit: ANSI/TIA-568.3-D-1
Limits Version: 7.6
Date / Time: 08/28/2023 02:44:00 PM
Operator: TARQUIN
Versiv
S/N: 20443584
Software Version: V6.7 Build 1
Module: OptiFiber Pro (OFP-QUAD)
S/N: 20514467
Calibration Date: 10/13/2022

Launch Only
Launch Type: Singlemode
Launch Length : 158.22 m
Compensation Date: 08/28/2023 02:42 PM
Macrobend Thresholds
1550 nm - 1310 nm Δ : 0.50 dB

Auto OTDR	1310 nm	1550 nm
Range (Auto)	418 m	421 m
Resolution (Auto)	0.03 m	0.03 m
Pulse Width (Auto)	10 ns	30 ns
Averaging Time (Auto)	9 s	5 s
Loss Threshold (Auto)	0.10 dB	0.10 dB
End Threshold (Auto)	0.00 dB	0.00 dB



Cable ID: SO144084.2

Date / Time: 08/28/2023 02:44:00 PM

Cable Type: OS2 Singlemode

n = 1.467000 (1310 nm)

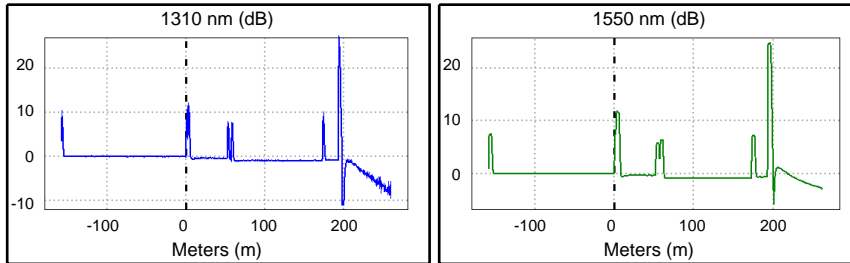
n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)

Backscatter Coefficient: -82.0dB (1550 nm)

OTDR End2 PASS



Measurements	Status	1310 nm		1550 nm	
		Value	Limit	Value	Limit
Overall Length (m)	PASS	193.21	40000.0	0.64	
Overall Loss (dB)		0.78		40.97	
ORL (dB)		41.24			
Events					
193.21 m End					
Reflectance (dB)		-15.71		-15.00	
attn coeff (db/km)		0.55		0.15	
173.19 m Reflection	PASS				
Loss (dB)		-0.18	0.75	-0.21	0.75
Reflectance (dB)		-48.17		-49.93	
attn coeff (db/km)		0.55		0.18	
57.48 m Hidden					
Reflectance (dB)		-50.36		-51.67	
52.40 m Reflection	PASS				
Loss (dB)		0.46	0.75	0.47	0.75
Reflectance (dB)		-52.45		-53.87	
attn coeff (db/km)		0.55		0.15	
2.11 m Hidden					
Reflectance (dB)		-43.71		-41.63	
0.00 m Launch Event	PASS				
Loss (dB)		0.40	0.75	0.34	0.75
Reflectance (dB)		-49.97		-51.02	
attn coeff (db/km)		0.19		0.15	
-158.22 m OTDR Port					
Reflectance (dB)		-50.12		-51.24	

-WARNING: Negative Loss value found in test result.



Cable ID: SO144084.3

Date / Time: 08/28/2023 02:44:27 PM
Cable Type: OS2 Singlemode

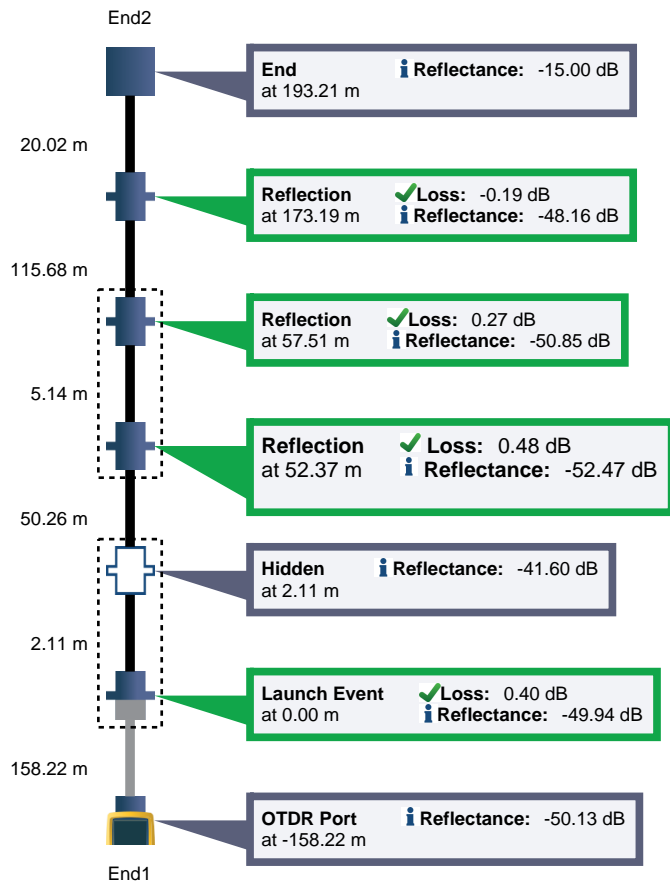
n = 1.467000 (1310 nm)
n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

OTDR End1 EventMap

Fiber Length: 193.21 m
Overall Loss: 0.77 dB



OTDR End1 PASS

Test Limit: ANSI/TIA-568.3-D-1
Limits Version: 7.6
Date / Time: 08/28/2023 02:44:27 PM
Operator: TARQUIN
Versiv
S/N: 20443584
Software Version: V6.7 Build 1
Module: OptiFiber Pro (OFF-QUAD)
S/N: 20514467
Calibration Date: 10/13/2022

Launch Only
Launch Type: Singlemode
Launch Length : 158.22 m
Compensation Date: 08/28/2023 02:42 PM
Macrobend Thresholds
1550 nm - 1310 nm Δ : 0.50 dB

Auto OTDR	1310 nm	1550 nm
Range (Auto)	418 m	421 m
Resolution (Auto)	0.03 m	0.03 m
Pulse Width (Auto)	10 ns	30 ns
Averaging Time (Auto)	9 s	6 s
Loss Threshold (Auto)	0.10 dB	0.10 dB
End Threshold (Auto)	0.00 dB	0.00 dB



Cable ID: SO144084.3

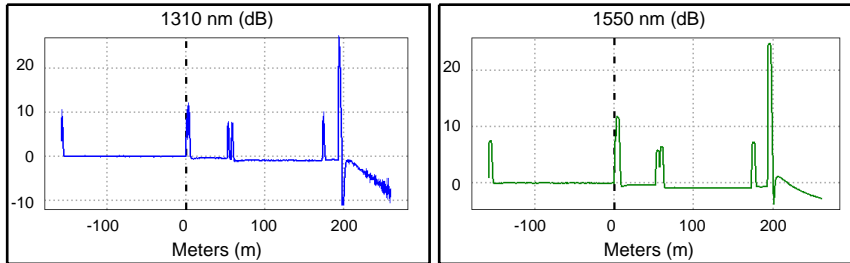
Date / Time: 08/28/2023 02:44:27 PM
Cable Type: OS2 Singlemode

n = 1.467000 (1310 nm)
n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

OTDR End1 PASS



Measurements	Status	1310 nm		1550 nm	
		Value	Limit	Value	Limit
Overall Length (m)	PASS	193.21	40000.0	0.64	
Overall Loss (dB)		0.77		40.97	
ORL (dB)		41.21			
Events					
193.21 m End					
Reflectance (dB)		-15.72		-15.00	
attn coeff (db/km)		0.38		0.13	
173.19 m Reflection	PASS				
Loss (dB)		-0.19	0.75	-0.22	0.75
Reflectance (dB)		-48.16		-49.92	
attn coeff (db/km)		0.38		0.13	
57.51 m Reflection	PASS				
Loss (dB)		0.27	0.75	N/A	
Reflectance (dB)		-50.85		-51.65	
attn coeff (db/km)		0.38		N/A	
52.37 m Reflection	PASS				
Loss (dB)		0.22	0.75	0.48	0.75
Reflectance (dB)		-52.47		-53.85	
attn coeff (db/km)		0.38		0.13	
2.11 m Hidden					
Reflectance (dB)		-43.67		-41.60	
0.00 m Launch Event	PASS				
Loss (dB)		0.40	0.75	0.36	0.75
Reflectance (dB)		-49.94		-51.00	
attn coeff (db/km)		0.26		0.15	
-158.22 m OTDR Port					
Reflectance (dB)		-50.13		-51.25	

-WARNING: Negative Loss value found in test result.



Cable ID: SO144084.4

Date / Time: 08/28/2023 02:44:54 PM
Cable Type: OS2 Singlemode

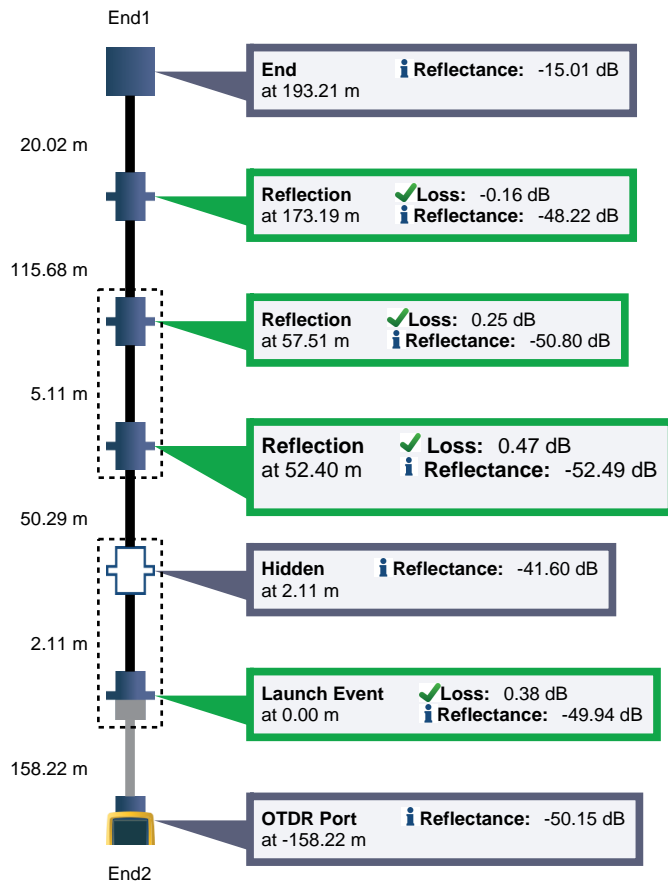
n = 1.467000 (1310 nm)
n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

OTDR End2 EventMap

Fiber Length: 193.21 m
Overall Loss: 0.77 dB



OTDR End2 PASS

Test Limit: ANSI/TIA-568.3-D-1
Limits Version: 7.6
Date / Time: 08/28/2023 02:44:54 PM
Operator: TARQUIN
Versiv
S/N: 20443584
Software Version: V6.7 Build 1
Module: OptiFiber Pro (OFP-QUAD)
S/N: 20514467
Calibration Date: 10/13/2022

Launch Only
Launch Type: Singlemode
Launch Length : 158.22 m
Compensation Date: 08/28/2023 02:42 PM
Macrobend Thresholds
1550 nm - 1310 nm Δ : 0.50 dB

Auto OTDR	1310 nm	1550 nm
Range (Auto)	418 m	421 m
Resolution (Auto)	0.03 m	0.03 m
Pulse Width (Auto)	10 ns	30 ns
Averaging Time (Auto)	9 s	6 s
Loss Threshold (Auto)	0.10 dB	0.10 dB
End Threshold (Auto)	0.00 dB	0.00 dB



Cable ID: SO144084.4

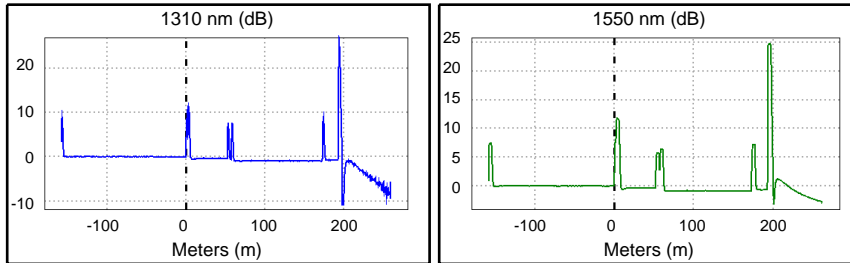
Date / Time: 08/28/2023 02:44:54 PM
Cable Type: OS2 Singlemode

n = 1.467000 (1310 nm)
n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

OTDR End2 PASS



Measurements	Status	1310 nm		1550 nm	
		Value	Limit	Value	Limit
Overall Length (m)	PASS	193.21	40000.0	0.63	
Overall Loss (dB)		0.77		40.96	
ORL (dB)		41.19			
Events					
193.21 m End					
Reflectance (dB)		-15.61		-15.01	
attn coeff (db/km)		0.60		0.10	
173.19 m Reflection	PASS				
Loss (dB)		-0.16	0.75	-0.21	0.75
Reflectance (dB)		-48.22		-49.94	
attn coeff (db/km)		0.16		0.17	
57.51 m Reflection	PASS				
Loss (dB)		0.25	0.75	N/A	
Reflectance (dB)		-50.80		-51.68	
attn coeff (db/km)		0.60		N/A	
52.40 m Reflection	PASS				
Loss (dB)		0.24	0.75	0.47	0.75
Reflectance (dB)		-52.49		-53.88	
attn coeff (db/km)		0.60		0.10	
2.11 m Hidden					
Reflectance (dB)		-43.67		-41.60	
0.00 m Launch Event	PASS				
Loss (dB)		0.38	0.75	0.35	0.75
Reflectance (dB)		-49.94		-50.99	
attn coeff (db/km)		0.29		0.14	
-158.22 m OTDR Port					
Reflectance (dB)		-50.15		-51.26	

-WARNING: Negative Loss value found in test result.