

London

Customer Information



IMF

1 Docklands

London EC1 1BB UK

Installer Information

Cole Telecom

12 Rosey Lane

London EC1 1AA UK

Project Summary

Job Name: London
Job Description: Docklands
Test Phase: 1
Date Completed: Monday, 20 June, 2011

Project Manager: Nicholas Cole
Contract (PO) Number: 1234
Report Prepared By: Nicholas Cole

Results Summary:

Routes:	2	Singlemode Trace Count :	0
Cables:	2	Singlemode Wavelengths:	
Fibers:	8	Multimode Trace Count :	16
OLTS/OPM Results:	0	Multimode Wavelengths:	850, 1300
Traces:	16		

* Counts represent only valid fiber result items found

Customer Information

IMF
1 Docklands
London EC1 1BB UK
Contact : Dave Gordon
Phone: 0044 208111111

Installer Information

Cole Telecom
12 Rosey Lane
London EC1 1AA UK
Contact : Nicholas Cole
Phone: 0044 7702005590
Email: Nicholas.Cole@AFLglobal.com

Route Summary

London
CAB1 To CAB2

1 Cables
4 Fibers
0 OLTS/OPM Fiber Readings
8 Traces
0 Singlemode Traces
8 Multimode Traces

Cable Summary

Cable ID: LAN1

Cable ID :	LAN1	Tested By :	N COLE	OTDR Setup :	Expert
End 1 :	CAB1	Launch Cable :	Noyes (150m)	End Thres :	3 dB
End 2 :	CAB2	Tail Cable :	Noyes (150m)	Loss Thres :	0.1 dB
Date Of Test :	28-Jul-11	GIR :	1.496	Refl Thres :	-65 dB
		Backscatter Coef :	-68 dB		

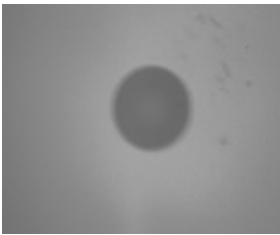
OTDR Summary

Length 1,521.7 Meters

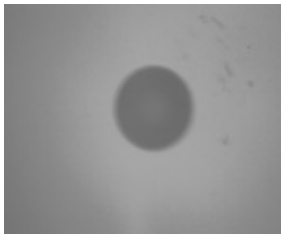
Fiber Num	Loss(dB) End1 -> End2		Loss(dB) End2 -> End1		ORL(dB) End1 -> End2		ORL(dB) End2 -> End1	
	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm
1	5.52	1.88	5.40	1.75	-25.81	-29.93	-25.59	-29.72
2	5.51	1.88	5.39	1.75	-25.83	-30.01	-25.63	-29.76
3	5.52	1.86	5.39	1.77	-25.86	-30.00	-25.62	-29.79
4	5.51	1.87	5.37	1.76	-25.85	-30.00	-25.64	-29.81

Image Thumbnails

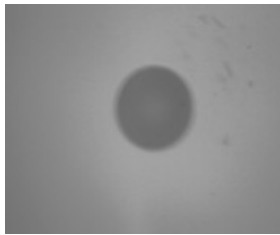
Fiber: 1
End : CAB1



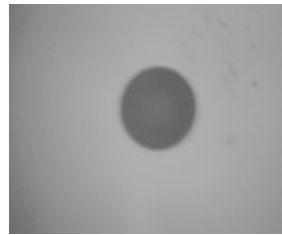
End : CAB2



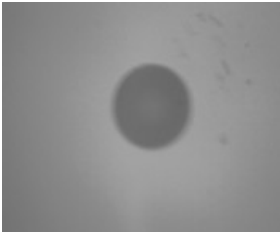
Fiber: 2
End : CAB1



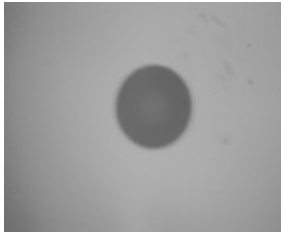
End : CAB2



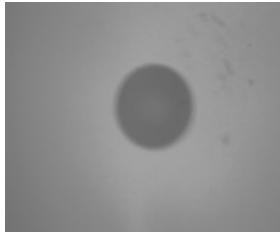
Fiber: 3
End : CAB1



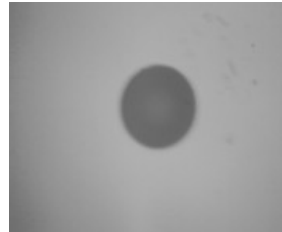
End : CAB2



Fiber: 4
End : CAB1



End : CAB2





London



Cable ID : LAN1

End 1 : CAB1

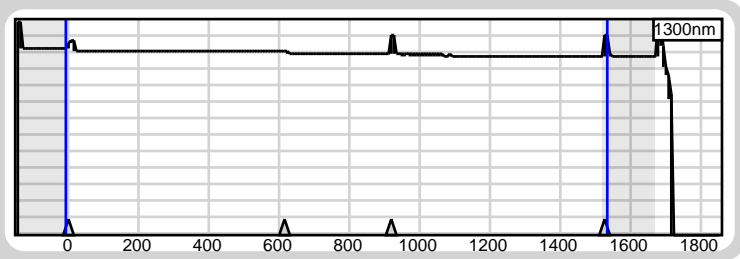
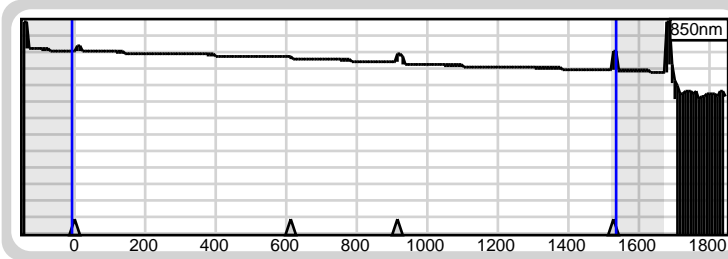
End 2 : CAB2

Fiber Num :	1	OTDR Located At :	CAB1	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.04 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1538.40 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1538.44 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.56 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.66 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB1-CAB2-LAN1_001_M85



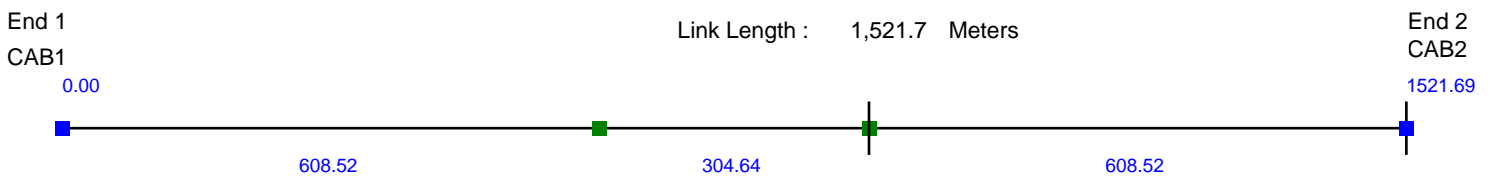
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-47.91	0.13
	Link Start			
2	608.52	✓ ↘	--	0.39
3	913.16	✓ ↘	-46.06	0.60
4	1521.69	✓ →	-37.32	0.09
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-51.69	0.13
	Link Start			
2	609.82	✓ ↘	--	0.39
3	912.73	✓ ↘	-46.53	0.48
4	1521.02	✓ →	-44.04	0.09
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.52 dB	25.81 dB	1,521.7 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.88 dB	29.93 dB	1,521.0 Meters

Event Map





London



Cable ID : LAN1

End 1 : CAB1

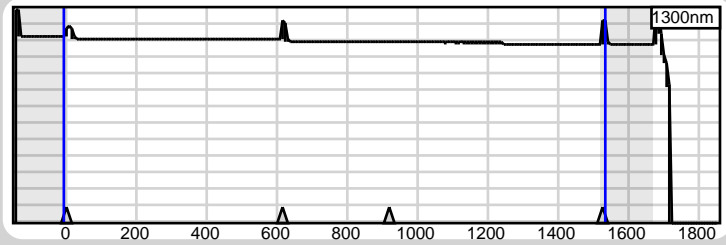
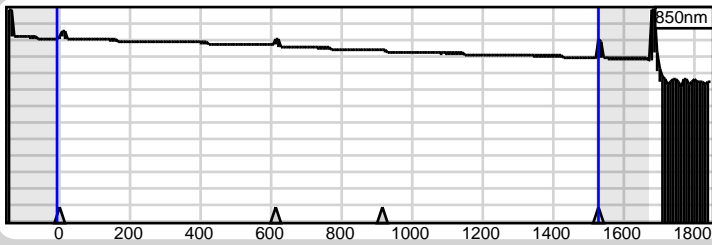
End 2 : CAB2

Fiber Num :	1	OTDR Located At :	CAB2	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	0.00 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1535.29 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1535.29 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.36 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.63 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB2-CAB1-LAN1_001_M85



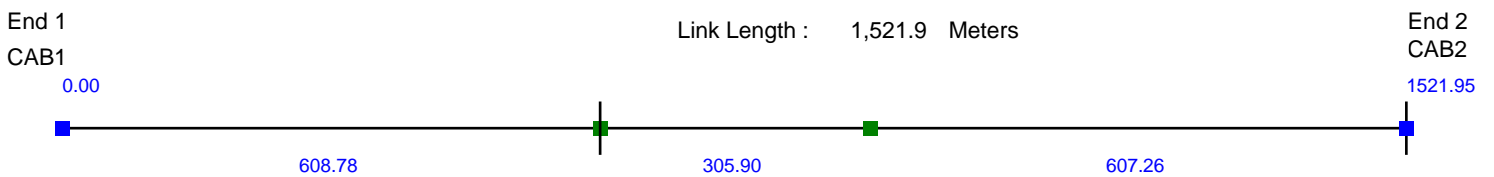
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-45.34	0.08
	Link Start			
2	608.78	✓ ↘	-46.16	0.53
3	914.69	✓ ↘	--	0.40
4	1521.95	✓ →	-38.68	0.06
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-50.88	0.07
	Link Start			
2	608.31	✓ ↘	-46.84	0.42
3	914.98	✓ ↘	--	0.41
4	1521.26	✓ →	-43.82	0.04
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.40 dB	25.59 dB	1,521.9 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.75 dB	29.72 dB	1,521.3 Meters

Event Map





London



Cable ID : LAN1

End 1 : CAB1

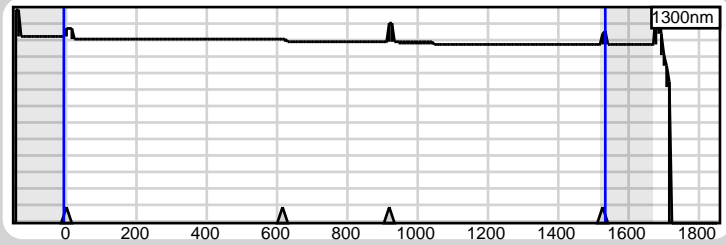
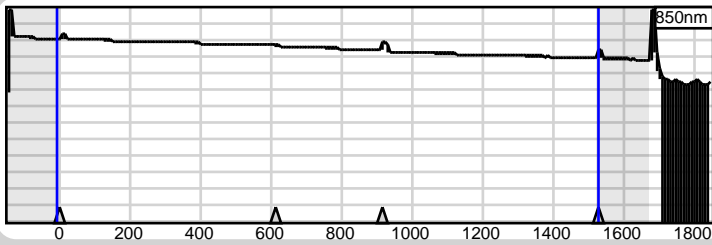
End 2 : CAB2

Fiber Num :	2	OTDR Located At :	CAB1	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.04 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1534.17 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1534.21 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.67 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.73 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB1-CAB2-LAN1_002_M85



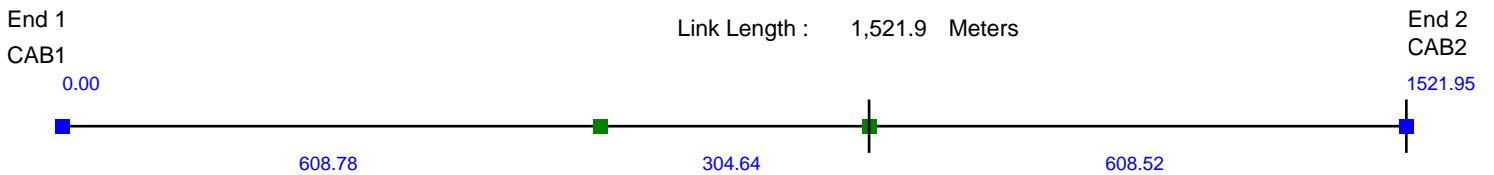
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.92	0.12
	Link Start			
2	608.78	✓ ↘	--	0.38
3	913.43	✓ ↘	-46.23	0.59
4	1521.95	✓ →	-46.16	0.10
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-51.76	0.13
	Link Start			
2	609.32	✓ ↘	--	0.40
3	912.73	✓ ↘	-46.83	0.46
4	1521.02	✓ →	-50.40	0.08
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.51 dB	25.83 dB	1,521.9 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.88 dB	30.01 dB	1,521.0 Meters

Event Map





London



Cable ID : LAN1

End 1 : CAB1

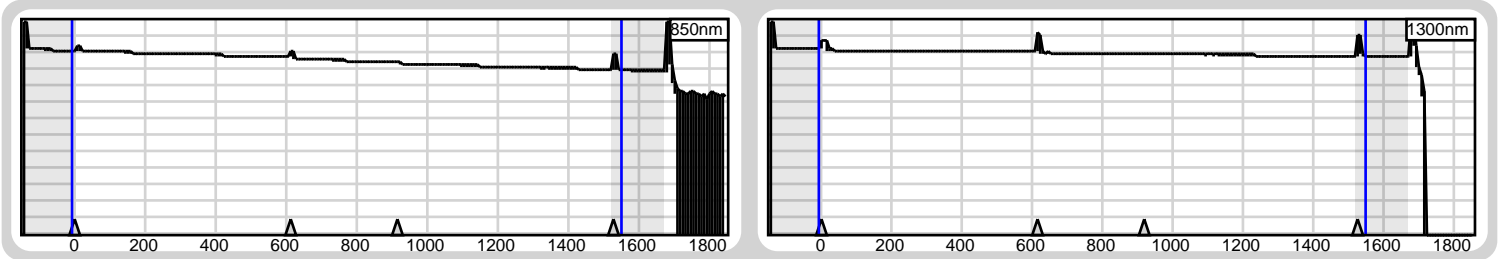
End 2 : CAB2

Fiber Num :	2	OTDR Located At :	CAB2	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.04 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1551.37 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1551.41 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.58 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.65 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB2-CAB1-LAN1_002_M85



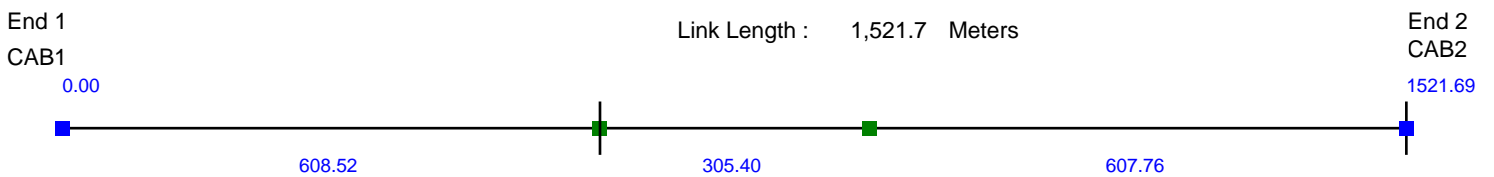
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.64	0.08
	Link Start			
2	608.52	✓ ↘	-46.40	0.52
3	913.93	✓ ↘	--	0.41
4	1521.69	✓ →	-39.66	0.07
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-52.21	0.06
	Link Start			
2	608.31	✓ ↘	-46.91	0.42
3	913.97	✓ ↘	--	0.41
4	1521.26	✓ →	-45.09	0.04
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.39 dB	25.63 dB	1,521.7 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.75 dB	29.76 dB	1,521.3 Meters

Event Map





London



Cable ID : LAN1

End 1 : CAB1

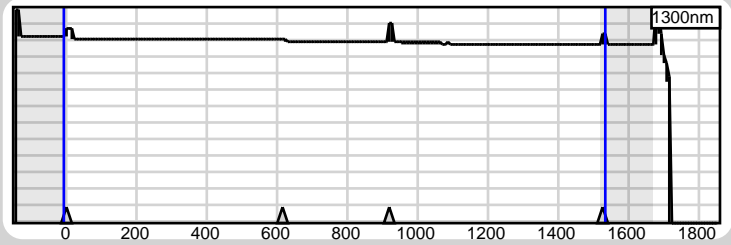
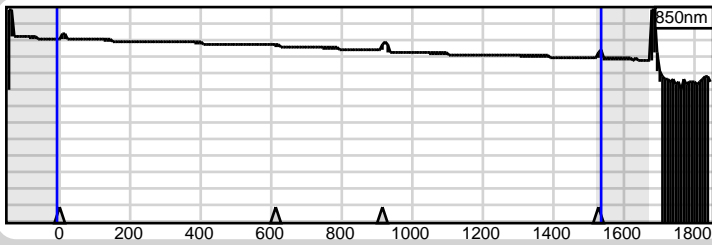
End 2 : CAB2

Fiber Num :	3	OTDR Located At :	CAB1	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.04 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1535.29 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1535.33 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.70 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.75 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB1-CAB2-LAN1_003_M85



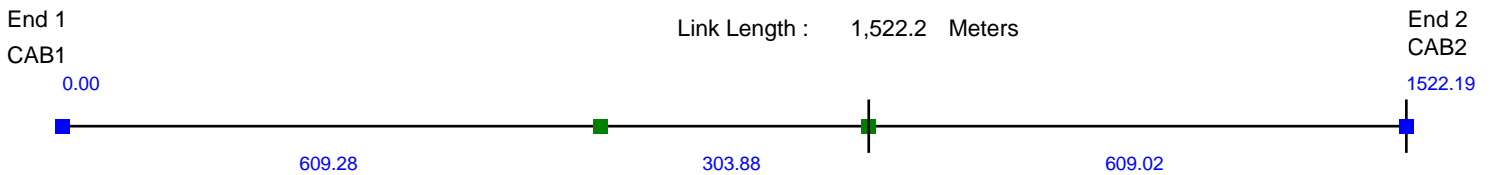
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-47.85	0.12
	Link Start			
2	609.28	✓ ↘	--	0.39
3	913.16	✓ ↘	-46.34	0.59
4	1522.19	✓ →	-46.18	0.10
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-52.04	0.13
	Link Start			
2	608.81	✓ ↘	--	0.39
3	912.73	✓ ↘	-46.74	0.47
4	1521.02	✓ →	-50.73	0.07
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.52 dB	25.86 dB	1,522.2 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.86 dB	30.00 dB	1,521.0 Meters

Event Map





London



Cable ID : LAN1

End 1 : CAB1

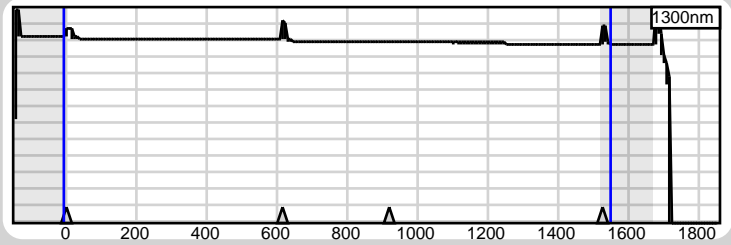
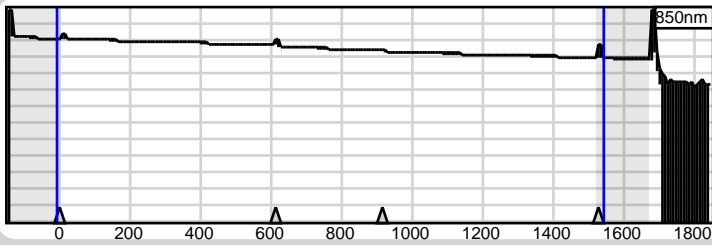
End 2 : CAB2

Fiber Num :	3	OTDR Located At :	CAB2	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.04 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1549.74 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1549.78 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.49 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.66 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB2-CAB1-LAN1_003_M85



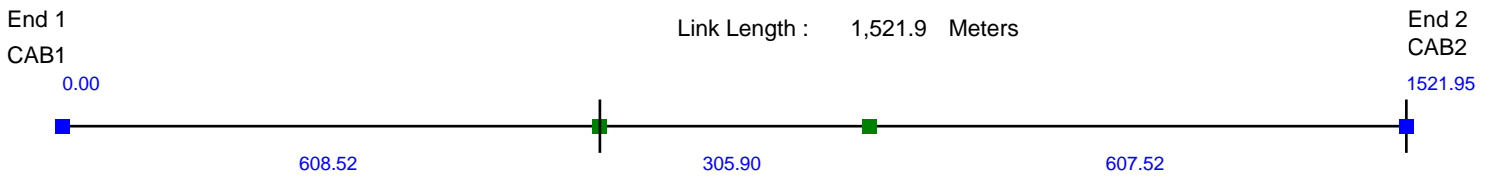
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.90	0.08
	Link Start			
2	608.52	✓ ↘	-46.54	0.52
3	914.43	✓ ↘	--	0.40
4	1521.95	✓ →	-40.67	0.06
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-52.26	0.07
	Link Start			
2	608.31	✓ ↘	-46.73	0.43
3	913.21	✓ ↘	--	0.41
4	1521.26	✓ →	-46.05	0.05
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.39 dB	25.62 dB	1,521.9 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.77 dB	29.79 dB	1,521.3 Meters

Event Map





London



Cable ID : LAN1

End 1 : CAB1

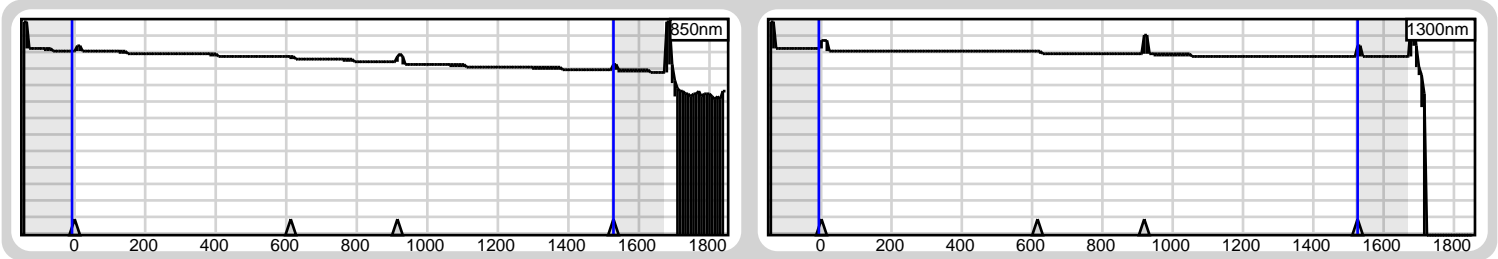
End 2 : CAB2

Fiber Num :	4	OTDR Located At :	CAB1	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.04 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1533.39 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1533.43 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.57 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.75 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB1-CAB2-LAN1_004_M85



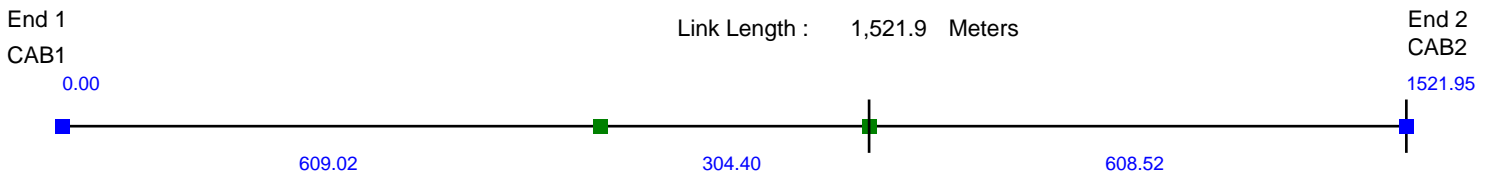
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.19	0.12
	Link Start			
2	609.02	✓ ↘	--	0.39
3	913.43	✓ ↘	-46.21	0.59
4	1521.95	✓ →	-46.38	0.09
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-52.13	0.13
	Link Start			
2	609.08	✓ ↘	--	0.39
3	912.73	✓ ↘	-46.77	0.46
4	1521.02	✓ →	-50.73	0.08
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.51 dB	25.85 dB	1,521.9 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.87 dB	30.00 dB	1,521.0 Meters

Event Map





London



Cable ID : LAN1

End 1 : CAB1

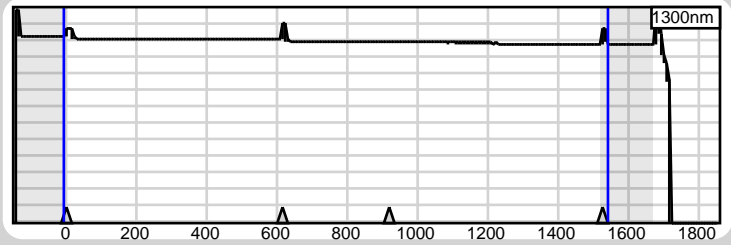
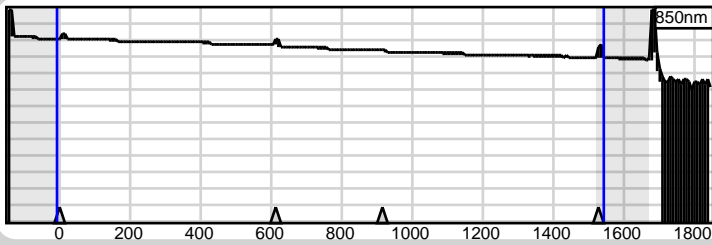
End 2 : CAB2

Fiber Num :	4	OTDR Located At :	CAB2	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	0.00 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1548.10 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1548.10 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.51 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.68 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB2-CAB1-LAN1_004_M85



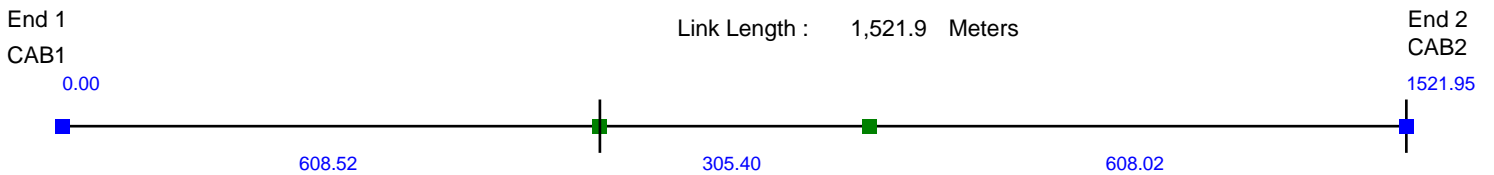
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.64	0.07
	Link Start			
2	608.52	✓ ↘	-46.41	0.52
3	913.93	✓ ↘	--	0.41
4	1521.95	✓ →	-42.29	0.04
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-51.84	0.07
	Link Start			
2	608.31	✓ ↘	-47.09	0.43
3	914.48	✓ ↘	--	0.40
4	1521.26	✓ →	-47.87	0.05
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.37 dB	25.64 dB	1,521.9 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.76 dB	29.81 dB	1,521.3 Meters

Event Map



Route Summary

London
CAB2 To CAB3

1 Cables
4 Fibers
0 OLTS/OPM Fiber Readings
8 Traces
0 Singlemode Traces
8 Multimode Traces

Cable Summary

Cable ID: LAN2

Cable ID : LAN2
End 1 : CAB2
End 2 : CAB3
Date Of Test : 28-Jul-11

Tested By : N COLE
Launch Cable : Noyes (150m)
Tail Cable : Noyes (150m)
GIR : 1.496
Backscatter Coef : -68 dB

OTDR Setup : Expert
End Thres : 3 dB
Loss Thres : 0.1 dB
Refl Thres : -65 dB

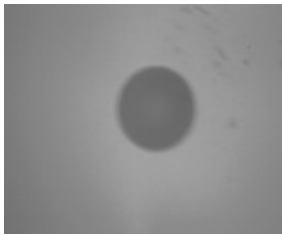
OTDR Summary

Length 1,521.7 Meters

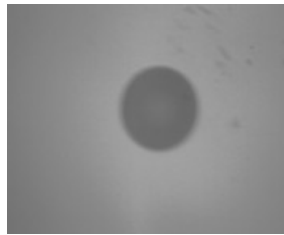
Fiber Num	Loss(dB) End1 -> End2		Loss(dB) End2 -> End1		ORL(dB) End1 -> End2		ORL(dB) End2 -> End1	
	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm
1	5.55	1.88	5.55	1.89	-25.78	-29.77	-25.85	-29.98
2	5.53	1.88	5.53	1.89	-25.81	-29.87	-25.89	-30.00
3	5.55	1.87	5.52	1.89	-25.85	-29.87	-25.90	-30.04
4	5.54	1.88	5.54	1.86	-25.84	-29.89	-25.94	-29.99

Image Thumbnails

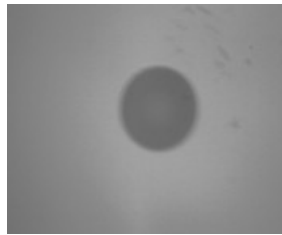
Fiber: 1
End : CAB2



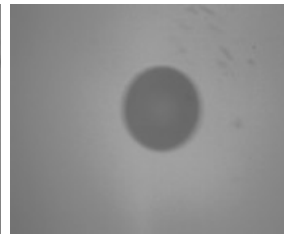
End : CAB3



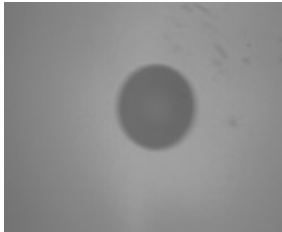
Fiber: 2
End : CAB2



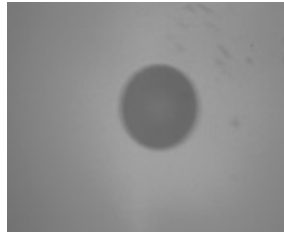
End : CAB3



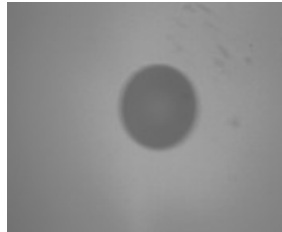
Fiber: 3
End : CAB2



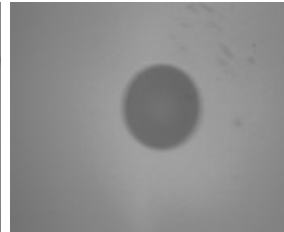
End : CAB3



Fiber: 4
End : CAB2



End : CAB3





London



Cable ID : LAN2

End 1 : CAB2

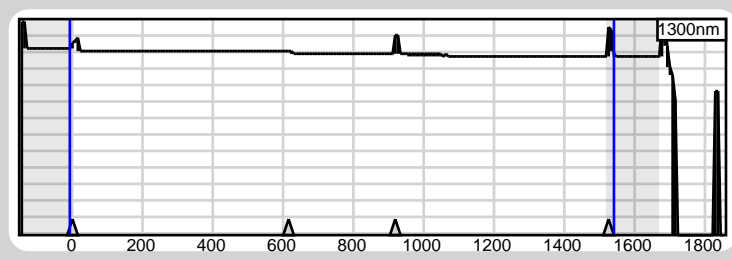
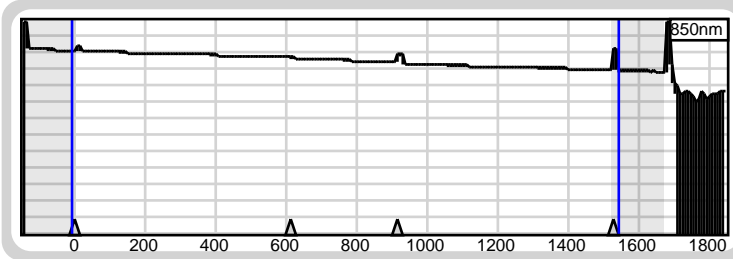
End 2 : CAB3

Fiber Num :	1	OTDR Located At :	CAB2	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	0.00 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1546.22 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1546.22 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.76 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.63 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB2-CAB3-LAN2_001_M85



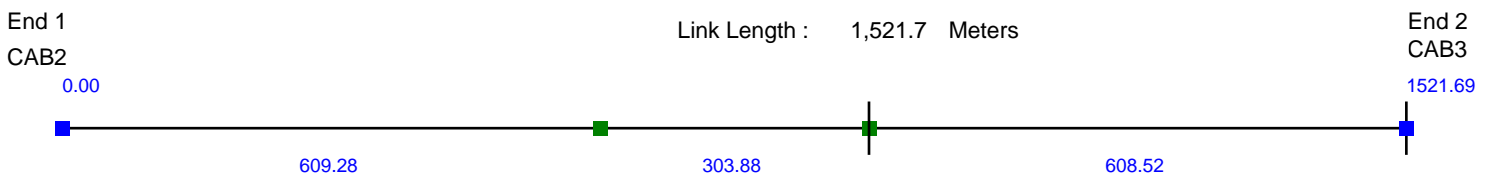
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.64	0.13
	Link Start			
2	609.28	✓ ↘	--	0.40
3	913.16	✓ ↘	-46.22	0.59
4	1521.69	✓ →	-36.14	0.13
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-51.47	0.12
	Link Start			
2	609.08	✓ ↘	--	0.39
3	912.73	✓ ↘	-46.67	0.48
4	1521.02	✓ →	-40.42	0.09
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.55 dB	25.78 dB	1,521.7 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.88 dB	29.77 dB	1,521.0 Meters

Event Map





London



Cable ID : LAN2

End 1 : CAB2

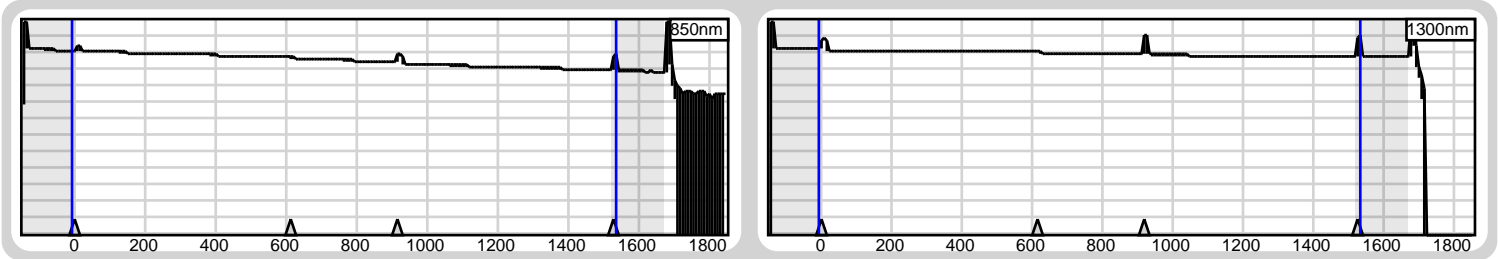
End 2 : CAB3

Fiber Num :	1	OTDR Located At :	CAB3	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.02 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1538.68 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1538.70 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.77 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.69 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB3-CAB2-LAN2_001_M85



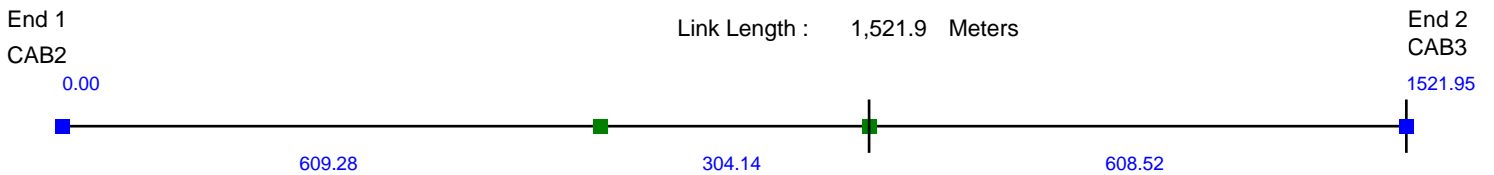
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.05	0.14
	Link Start			
2	609.28	✓ ↘	--	0.39
3	913.43	✓ ↘	-46.39	0.58
4	1521.95	✓ →	-40.16	0.10
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-51.28	0.11
	Link Start			
2	609.32	✓ ↘	--	0.42
3	912.73	✓ ↘	-46.71	0.48
4	1521.02	✓ →	-45.37	0.09
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.55 dB	25.85 dB	1,521.9 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.89 dB	29.98 dB	1,521.0 Meters

Event Map





London



Cable ID : LAN2

End 1 : CAB2

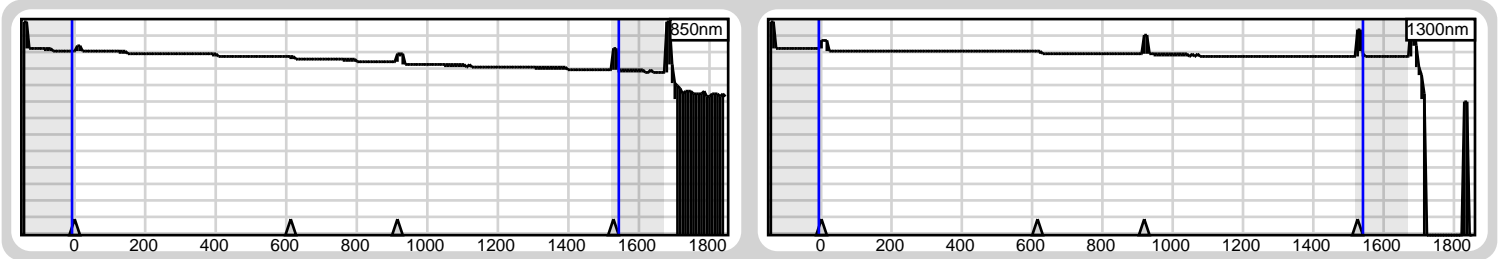
End 2 : CAB3

Fiber Num :	2	OTDR Located At :	CAB2	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.02 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1544.33 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1544.35 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.78 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.64 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB2-CAB3-LAN2_002_M85



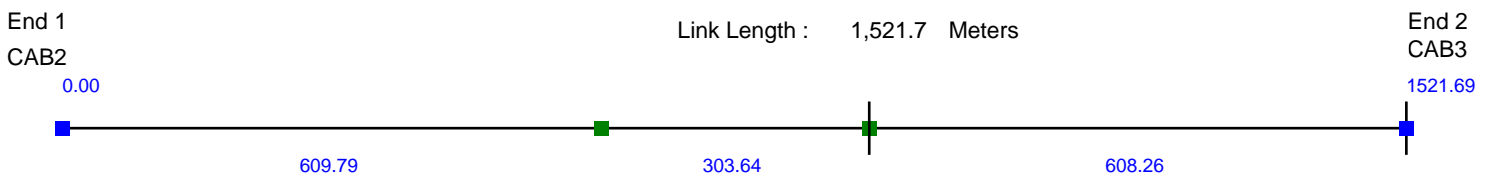
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.71	0.14
	Link Start			
2	609.79	✓ ↘	--	0.39
3	913.43	✓ ↘	-46.23	0.60
4	1521.69	✓ →	-36.83	0.10
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-51.96	0.13
	Link Start			
2	609.82	✓ ↘	--	0.40
3	912.73	✓ ↘	-46.65	0.48
4	1521.02	✓ →	-41.74	0.07
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.53 dB	25.81 dB	1,521.7 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.88 dB	29.87 dB	1,521.0 Meters

Event Map





London



Cable ID : LAN2

End 1 : CAB2

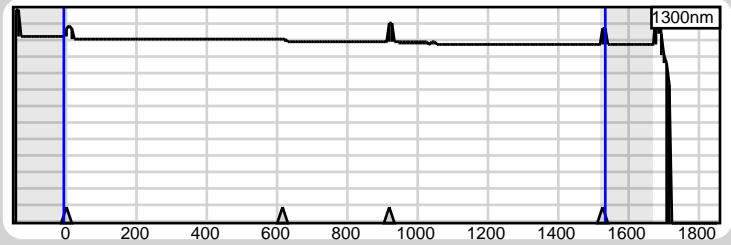
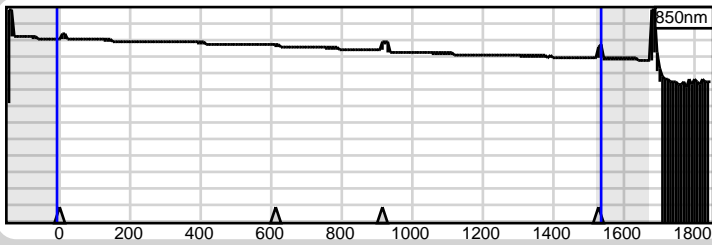
End 2 : CAB3

Fiber Num :	2	OTDR Located At :	CAB3	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.04 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1536.80 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1536.84 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.71 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.71 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB3-CAB2-LAN2_002_M85



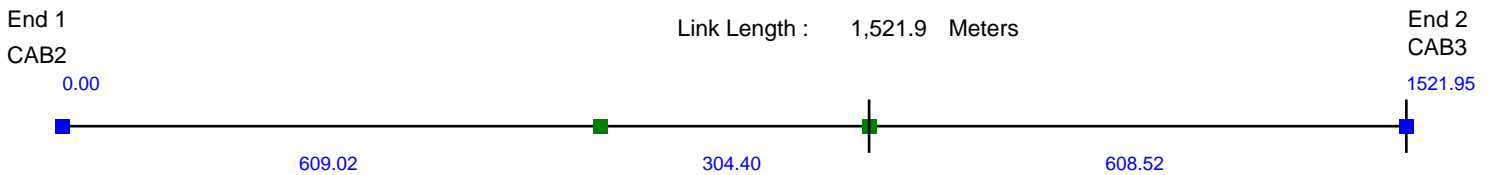
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.01	0.14
	Link Start			
2	609.02	✓ ↘	--	0.39
3	913.43	✓ ↘	-46.29	0.60
4	1521.95	✓ →	-41.66	0.10
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-51.12	0.12
	Link Start			
2	609.32	✓ ↘	--	0.42
3	912.73	✓ ↘	-46.56	0.47
4	1521.02	✓ →	-47.48	0.08
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.53 dB	25.89 dB	1,521.9 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.89 dB	30.00 dB	1,521.0 Meters

Event Map





London



Cable ID : LAN2

End 1 : CAB2

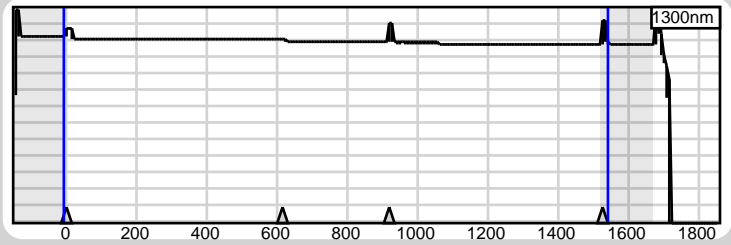
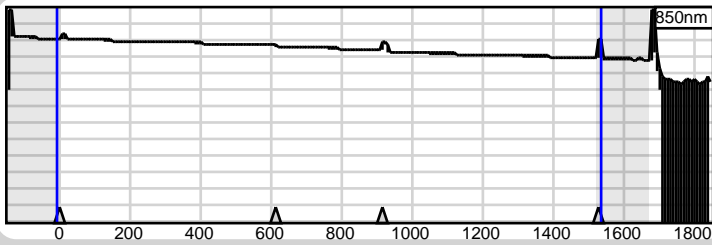
End 2 : CAB3

Fiber Num :	3	OTDR Located At :	CAB2	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.02 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1542.45 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1542.47 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.69 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.67 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB2-CAB3-LAN2_003_M85



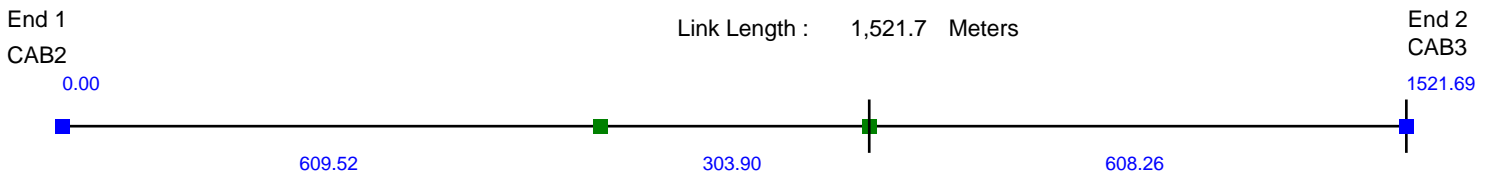
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.53	0.14
	Link Start			
2	609.52	✓ ↘	--	0.39
3	913.43	✓ ↘	-46.09	0.60
4	1521.69	✓ →	-37.81	0.11
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-51.81	0.12
	Link Start			
2	609.08	✓ ↘	--	0.40
3	912.73	✓ ↘	-46.55	0.47
4	1521.02	✓ →	-42.53	0.08
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.55 dB	25.85 dB	1,521.7 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.87 dB	29.87 dB	1,521.0 Meters

Event Map





London



Cable ID : LAN2

End 1 : CAB2

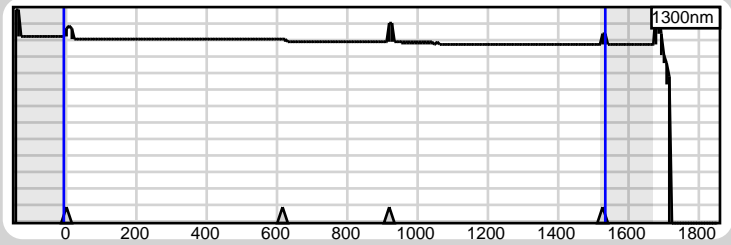
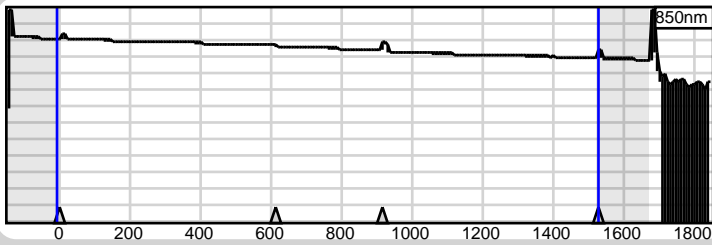
End 2 : CAB3

Fiber Num :	3	OTDR Located At :	CAB3	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	0.02 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1535.41 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1535.39 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.42 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.72 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB3-CAB2-LAN2_003_M85



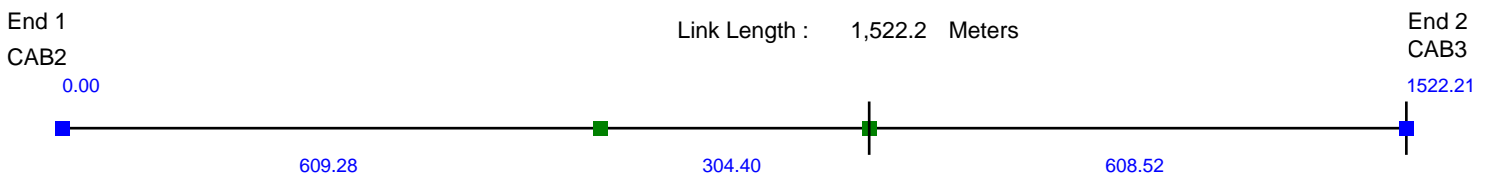
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.47	0.14
	Link Start			
2	609.28	✓ ↘	--	0.39
3	913.69	✓ ↘	-46.24	0.59
4	1522.21	✓ →	-45.17	0.09
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-51.39	0.15
	Link Start			
2	610.06	✓ ↘	--	0.39
3	912.97	✓ ↘	-46.54	0.47
4	1521.26	✓ →	-50.94	0.08
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.52 dB	25.90 dB	1,522.2 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.89 dB	30.04 dB	1,521.3 Meters

Event Map





London



Cable ID : LAN2

End 1 : CAB2

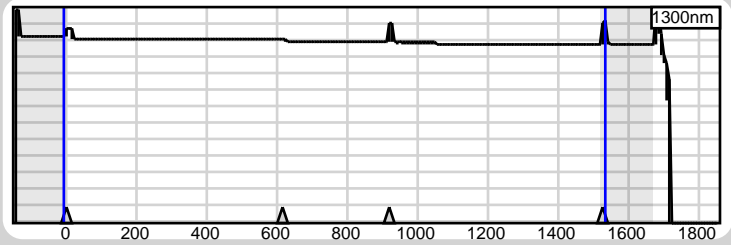
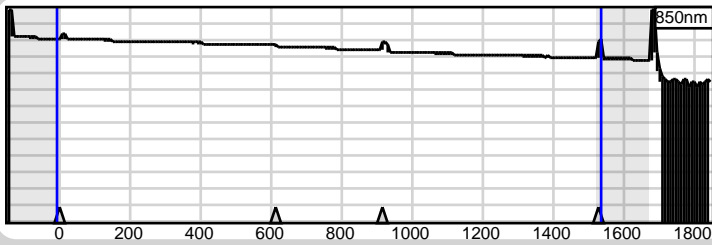
End 2 : CAB3

Fiber Num :	4	OTDR Located At :	CAB2	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.02 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1540.56 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1540.58 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.52 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.67 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB2-CAB3-LAN2_004_M85



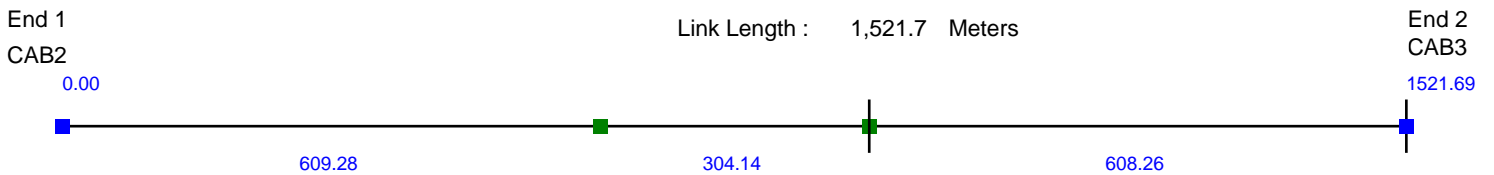
#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.49	0.14
	Link Start			
2	609.28	✓ ↘	--	0.39
3	913.43	✓ ↘	-46.28	0.59
4	1521.69	✓ →	-38.57	0.11
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-51.60	0.11
	Link Start			
2	609.08	✓ ↘	--	0.41
3	912.73	✓ ↘	-46.91	0.46
4	1521.02	✓ →	-43.30	0.08
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.54 dB	25.84 dB	1,521.7 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.88 dB	29.89 dB	1,521.0 Meters

Event Map





London



Cable ID : LAN2

End 1 : CAB2

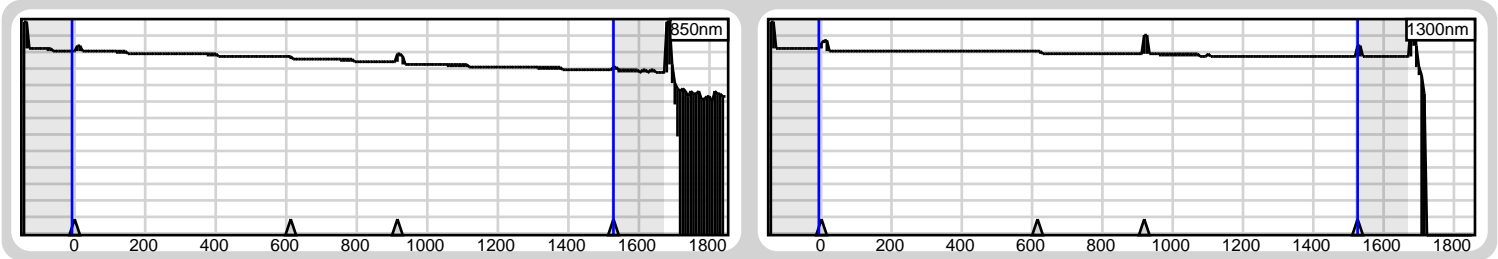
End 2 : CAB3

Fiber Num :	4	OTDR Located At :	CAB3	Model :	M200
Port :	Multimode	OTDR Setup :	Expert	Serial # :	1V20MR7O571
Fiber Type :		GIR :	1.496	Software Ver :	2.0.8
Launch Cable :	Noyes (150m)	Backscatter Coef :	-68 dB	Cal Date :	14-May-07
Tail Cable :	Noyes (150m)	End Threshold :	3 dB	Operator 1 :	N COLE
Cursor A :	-0.02 Meters	Loss Threshold :	0.1 dB	Operator 2 :	M PENFOLD
Cursor B :	1533.53 Meters	Refl Threshold :	-65 dB	Test Date :	28-Jul-11
B-A Distance :	1533.55 Meters	Range :	2,004.0 Meters		
B-A Loss :	5.59 dB	Pulsewidth :	100 ns		
B-A Loss/km :	3.76 dB/km	Averages :	2304		

Comment :

OTDR Results

CAB3-CAB2-LAN2_004_M85



#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-48.82	0.14
	Link Start			
2	609.52	✓ ↘	--	0.39
3	913.16	✓ ↘	-46.23	0.60
4	1522.19	✓ →	-49.08	0.09
	Link End			

#	Location (Meters)	Type	Refl. (dB)	Loss (dB)
1	0.00	✓ ←	-52.04	0.12
	Link Start			
2	608.57	✓ ↘	--	0.39
3	912.73	✓ ↘	-46.29	0.47
4	1521.02	✓ →	-52.16	0.08
	Link End			

# Events	Link Loss	Link ORL	Link Length
4	5.54 dB	25.94 dB	1,522.2 Meters

# Events	Link Loss	Link ORL	Link Length
4	1.86 dB	29.99 dB	1,521.0 Meters

Event Map

