OTDR Report (1625 nm (9 µm))

General Information

File name:	99W0057622 PANAROTTIS F1.trc		
Test date:	2023-09-13	Customer:	PANAROTTIS
Test time:	03:34:23 PM	Company:	LIBBY CONSTRUCTION
Cable ID:		Fiber ID:	F1
Job ID:			
Comments:			

Locations

	Location A	Location B
Location		
Operator		
Model	FTB-7300E-234B-EA	
Serial number	507264	
Calibration date	2023-04-17 (UTC)	

Results

Span length:	0,1610 km	Average loss:	0,149 dB/km	Injection level:	17,8 dB
Span loss:	0,024 dB	Average splice loss:	---		
Span ORL:	50,82 dB	Maximum splice loss:	---		

Graph
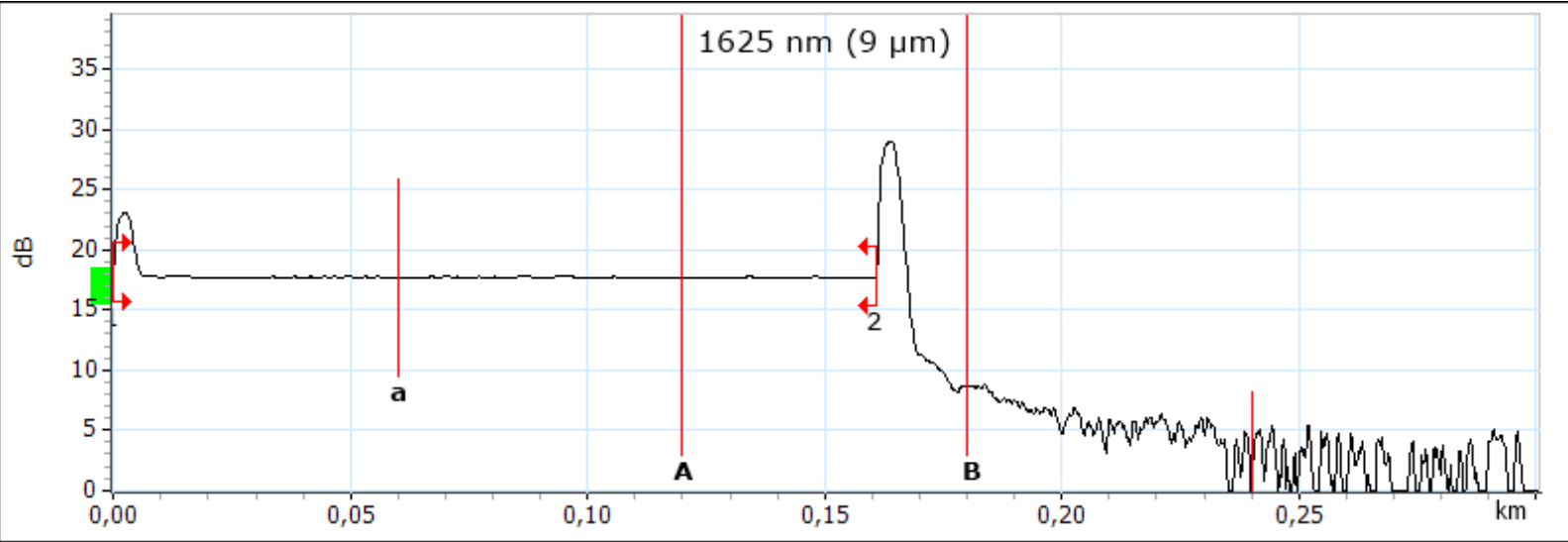
Markers

Marker	Position (km)	Value (dB)				
a	0,0600	17,746	A-B LSA attenuation:	83,624 dB/km	A-B average loss:	152,717 dB/km
A	0,1200	17,732	A-B LSA loss:	5,021 dB	4-point Event Loss:	9,592 dB
B	0,1800	8,563	A-B ORL:	44,95 dB	Maximum reflectance:	-44,7 dB
b	0,2400	0,000				

Event Table

Type	No.	Pos./Length (km)	Loss (dB)	Reflectance (dB)	Attenuation (dB/km)	Cumulative (dB)
First Connector	1	0,0000	---	-57,0		0,000
Section		0,1610	0,024		0,149	0,024
Reflective	2	0,1610	---	-44,7		0,024

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Macrobend

Position (km)	Delta Loss (dB)

Pass/Fail Thresholds

	1625 nm (9 µm)

Test Parameters

	A → B
Wavelength (nm)	1625 nm (9 µm)
Range (km)	0,3000
Pulse (ns)	30
Duration (s)	15

Test Settings

	A → B	Macrobend Wavelengths	Macrobend Delta Loss (dB)
IOR	1,468734		
Backscatter (dB)	-82,59		
Helix factor (%)	0,00		
Splice loss detection threshold (dB)	0,150		
Reflectance detection threshold (dB)	-72,0		
End-of-fiber detection threshold (dB)	5,000		