

# FL-CG CAN Fiber - OTDR Report 850 nm

## Comments

New Install FL-CG Can Fiber.

## Job Info

Job ID : FL-CG CAN Fiber  
Contractor :  
Customer :  
Test Date : 10/14/2009 (1:46:33 PM)

Reason :  
Operator A : Armando Cisneros  
Operator B : Rick Mumford  
File : base.wh.trc

## Cable Info

Fiber ID : Fiber0006  
Location A : Seatainer  
Cable Mfr. : OCC DX006DALS9KAA2  
Subset ID :

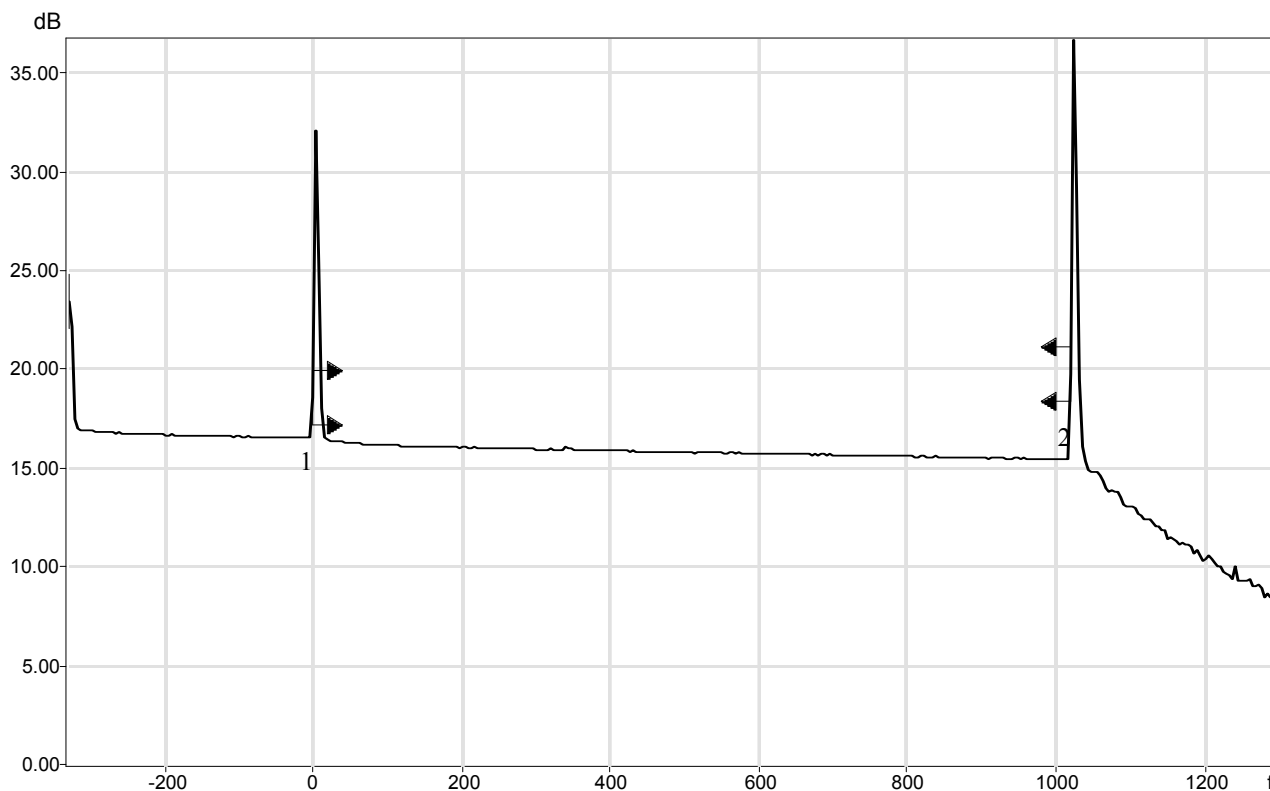
Cable ID : Cable 1  
Location B : Tower  
Type : MM 50um  
Color ID : White

## Link Measurements

Link Loss : 1.061 dB  
Link Length : 1.0198 kf  
Average Loss : 1.041 dB/kf

Avg. Splice Loss : ---  
Max. Splice Loss : ---  
Total ORL : 0.00 dB

## OTDR Trace



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Events Table

Events Table						
No.	Loc. (kf)	Event Type	Loss (dB)	Refl. (dB)	Att. (dB/kf)	Cumul. (dB)
1	-0.3306	Launch Level	---	-39.1	1.114	---
	0.0000	Fiber Section (0.3306 kf)	0.368			---
2	1.0198	Reflective Fault	0.276	-23.5		0.276
		Seatainer				
		Fiber Section (1.0198 kf)	0.785		0.770	1.061
		Reflective Fault	---	-12.3		1.061
		Tower				

Test and Cable Setup

Wavelength	: 850 nm (MM-50µm)	Acq. Time	: 15 s
Filename	: base.wh.trc	Pulse Width	: 10 ns
Hardware	: FTB-7200D-12CD-23B-EA-VFL	Helix Factor	: 0.00 %
Serial Number	: 357760	Splice Loss Threshold	: 0.010 dB
Software	: OTDR Advanced 6.11.20.160	Reflectance Threshold	: -72.0 dB
Range	: 1.6 kf	End-of-Fiber Threshold	: 20.000 dB
IOR	: 1.49000		
RBS	: -66.30		

# Manitou Colorado - OTDR Report 1300 nm

## Comments

This is a new direct bury cable installed from seatainer to experimental tower in Manitou Colorado experimental forest. Terminated and verified 6-strand fiber with SC connectors both sides.

## Job Info

Job ID : Manitou Colorado  
Contractor :  
Customer :  
Test Date : 10/14/2009 (1:46:48 PM)

Reason : New fiber installation  
Operator A : Armando Cisneros  
Operator B : Fabian Guerrero  
File : base.wh.trc

## Cable Info

Fiber ID : Fiber0006  
Location A : Seatainer  
Cable Mfr. : OCC DX006DALS9KAA2  
Subset ID :

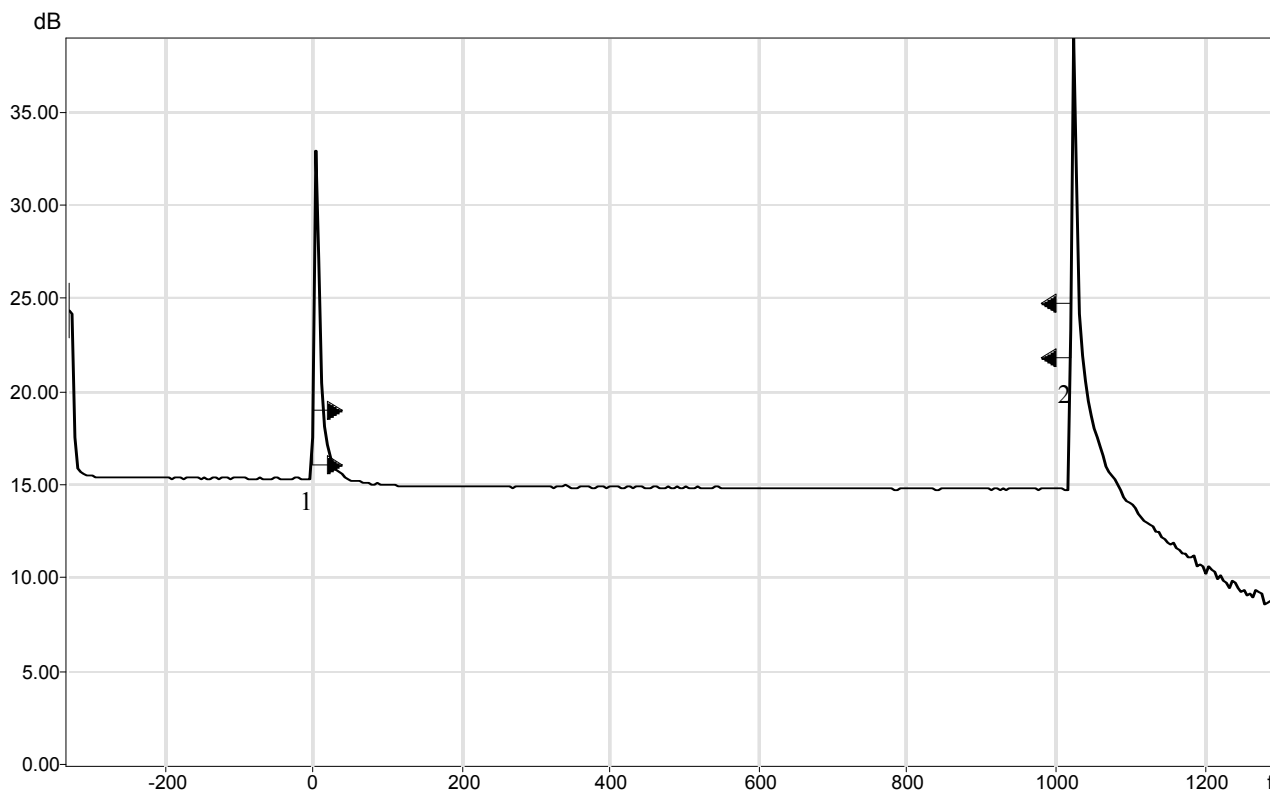
Cable ID : Cable 1  
Location B : Tower  
Type : MM 50um  
Color ID : White

## Link Measurements

Link Loss : 0.558 dB  
Link Length : 1.0190 kf  
Average Loss : 0.548 dB/kf

Avg. Splice Loss : ---  
Max. Splice Loss : ---  
Total ORL : 0.00 dB

## OTDR Trace



# Manitou Colorado - OTDR Report 1300 nm

**Events Table**

No.	Loc. (kf)	Event Type	Loss (dB)	Refl. (dB)	Att. (dB/kf)	Cumul. (dB)
1	-0.3304	Launch Level	---	-40.1		---
	0.0000	Fiber Section (0.3304 kf)	0.114		0.346	---
		Reflective Fault	0.347	-26.3		0.347
2		Seatainer				
	1.0190	Fiber Section (1.0190 kf)	0.211		0.207	0.558
		Reflective Fault	---	-12.7		0.558
		Tower				

**Test and Cable Setup**

Wavelength	: 1300 nm (MM-50µm)	Acq. Time	: 15 s
Filename	: base.wh.trc	Pulse Width	: 10 ns
Hardware	: FTB-7200D-12CD-23B-EA-VFL	Helix Factor	: 0.00 %
Serial Number	: 357760	Splice Loss Threshold	: 0.010 dB
Software	: OTDR Advanced 6.11.20.160	Reflectance Threshold	: -72.0 dB
Range	: 1.6 kf	End-of-Fiber Threshold	: 20.000 dB
IOR	: 1.48600		
RBS	: -73.70		