

Manitou Colorado - OTDR Report 850 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	Reason	: New fiber installation
Contractor	:	Operator A	: Armando Cisneros
Customer	:	Operator B	: Fabian Guerrero
Test Date	: 10/14/2009 (1:41:04 PM)	File	: base.bl.trc

Cable Info

Fiber ID	: Fiber0001	Cable ID	: Cable 1
Location A	: Seatainer	Location B	: Tower
Cable Mfr.	: OCC DX006DALS9KAA2	Type	: MM 50um
Subset ID	:	Color ID	: Blue

Link Measurements

Link Loss	: ---	Avg. Splice Loss	: ---
Link Length	: ---	Max. Splice Loss	: ---
Average Loss	: ---	Total ORL	: ---

OTDR Trace



Manitou Colorado - OTDR Report 850 nm

Events Table

No.	Loc. (kf)	Event Type	Loss (dB)	Refl. (dB)	Att. (dB/kf)	Cumul. (dB)
1	0.0000	Launch Level	- - -	-39.0		0.000
		Fiber Section (0.3303 kf)	0.383		1.158	0.383
	0.3303	Reflective Fault	0.304	-21.4		0.686
		Seatainer				
		Fiber Section (0.3378 kf)	0.398		1.178	1.084
	0.6681	Reflective Fault (Possible Echo)	-0.026	-60.4		1.058
		Fiber Section (0.6820 kf)	0.486		0.712	1.544
	1.3501	Merged Fault	3.958	-10.8		5.501
	1.3501	Tower		-27.9		
	1.3571			-10.8		

Test and Cable Setup

Wavelength	: 850 nm (MM-50µm)	Acq. Time	: 15 s
Filename	: base.bl.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		

FL-CG CAN Fiber - OTDR Report 1300 nm

Comments

New Install FL-CG Can Fiber.

Job Info

Job ID : FL-CG CAN Fiber
Contractor :
Customer :
Test Date : 10/14/2009 (1:41:19 PM)

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

Cable Info

Fiber ID : Fiber0001
Location A : Seatainer
Cable Mfr. : OCC DX006DALS9KAA2
Subset ID :

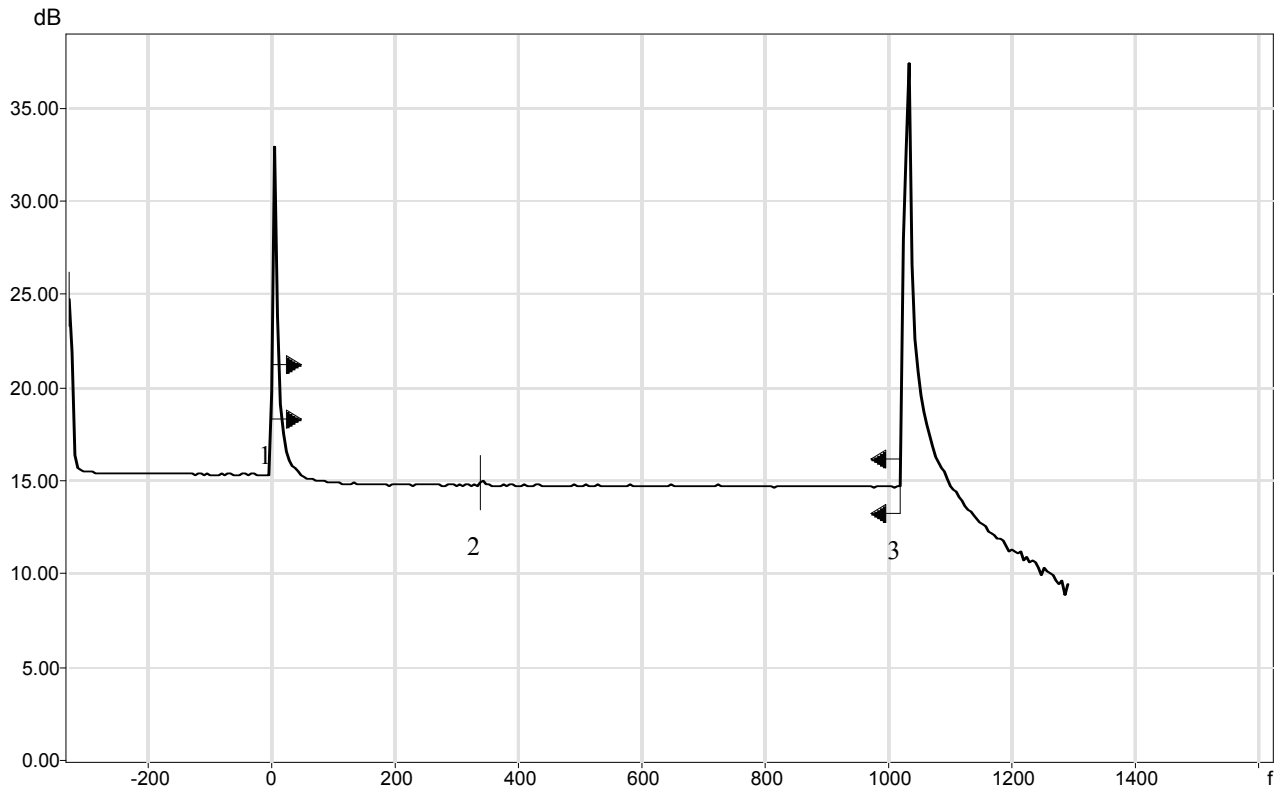
Cable ID : Cable 1
Location B : Tower
Type : MM 50um
Color ID : Blue

Link Measurements

Link Loss : 0.753 dB
Link Length : 1.0190 kf
Average Loss : 0.739 dB/kf

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

OTDR Trace



FL-CG CAN Fiber - 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)	0.110		0.333	---
		Reflective Fault	0.384	-25.2		0.384
2		Seatainer				
	0.3377	Fiber Section (0.3377 kf)	0.238		0.704	0.622
		Reflective Fault (Possible Echo)	0.051	-68.2		0.672
3		Fiber Section (0.6813 kf)	0.081		0.119	0.753
	1.0190	Merged Fault	---	-11.5		0.753
		Tower				
	1.0190			-31.2		
	1.0259			-11.5		

Test and Cable Setup

Wavelength	: 1300 nm (MM-50µm)	Acq. Time	: 15 s
Filename	: base.bl.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		