

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 (12:15:54 PM)	File	: tower.gr.trc

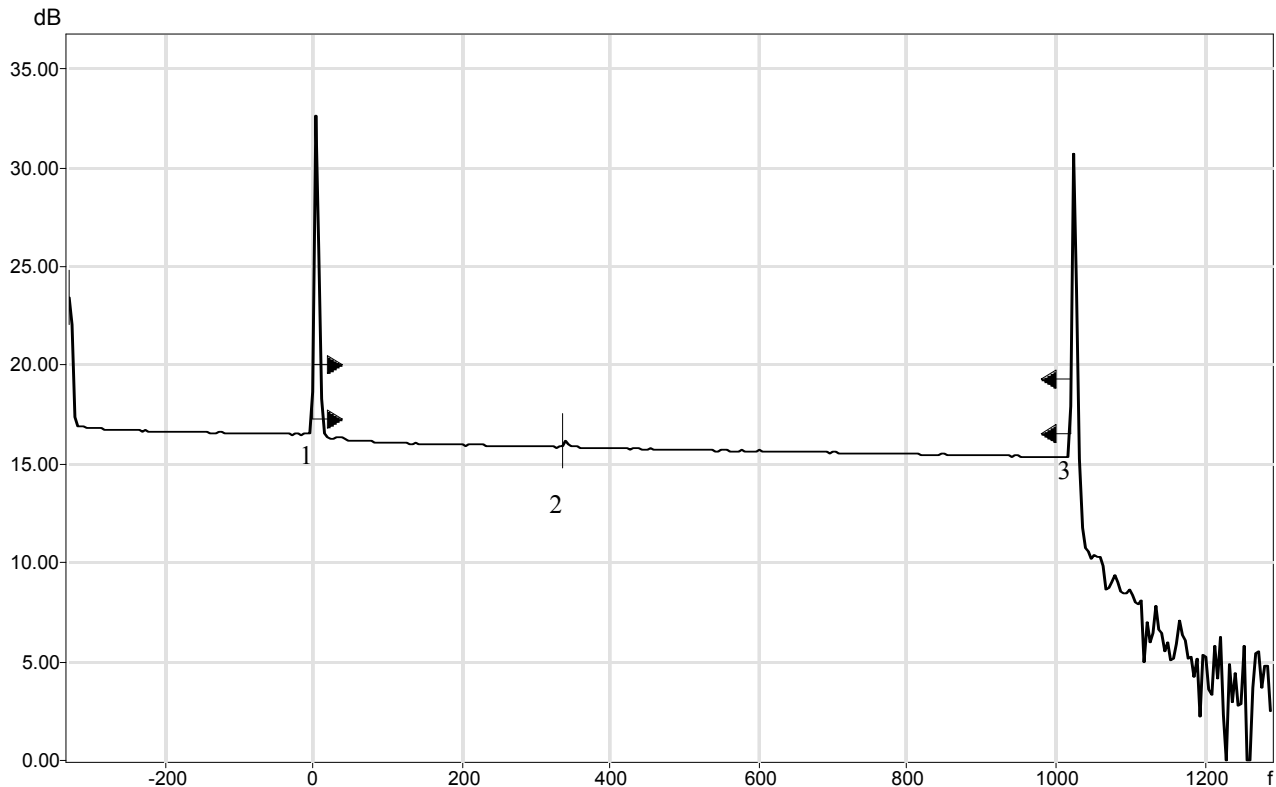
Cable Info

Fiber ID	: Fiber0003	Cable ID	: Cable 1
Location A	: Tower	Location B	: Seatainer
Cable Mfr.	: OCC DX006DALS9KAA2	Type	: MM 50um
Subset ID	:	Color ID	: Green

Link Measurements

Link Loss	: 1.109 dB	Avg. Splice Loss	: ---
Link Length	: 1.0198 kf	Max. Splice Loss	: ---
Average Loss	: 1.087 dB/kf	Total ORL	: 0.00 dB

OTDR Trace



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Events Table

No.	Loc. (kf)	Event Type	Loss (dB)	Refl. (dB)	Att. (dB/kf)	Cumul. (dB)
1	-0.3306	Launch Level	---	-39.1		---
	0.0000	Fiber Section (0.3306 kf)	0.362		1.095	---
2	0.3375	Reflective Fault	0.251	-22.3		0.251
		Tower				
3	1.0198	Fiber Section (0.3375 kf)	0.370		1.095	0.621
		Reflective Fault (Possible Echo)	-0.017	-62.4		0.604
3	1.0198	Fiber Section (0.6823 kf)	0.505		0.740	1.109
		Reflective Fault	---	-23.6		1.109
		Seatainer				

Test and Cable Setup

Wavelength	: 850 nm (MM-50µm)	Acq. Time	: 15 s
Filename	: tower.gr.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	Reason	:
Contractor	:	Operator A	: Armando Cisneros
Customer	:	Operator B	: Rick Mumford
Test Date	: 10/14/2009 (12:16:10 PM)	File	: tower.gr.trc

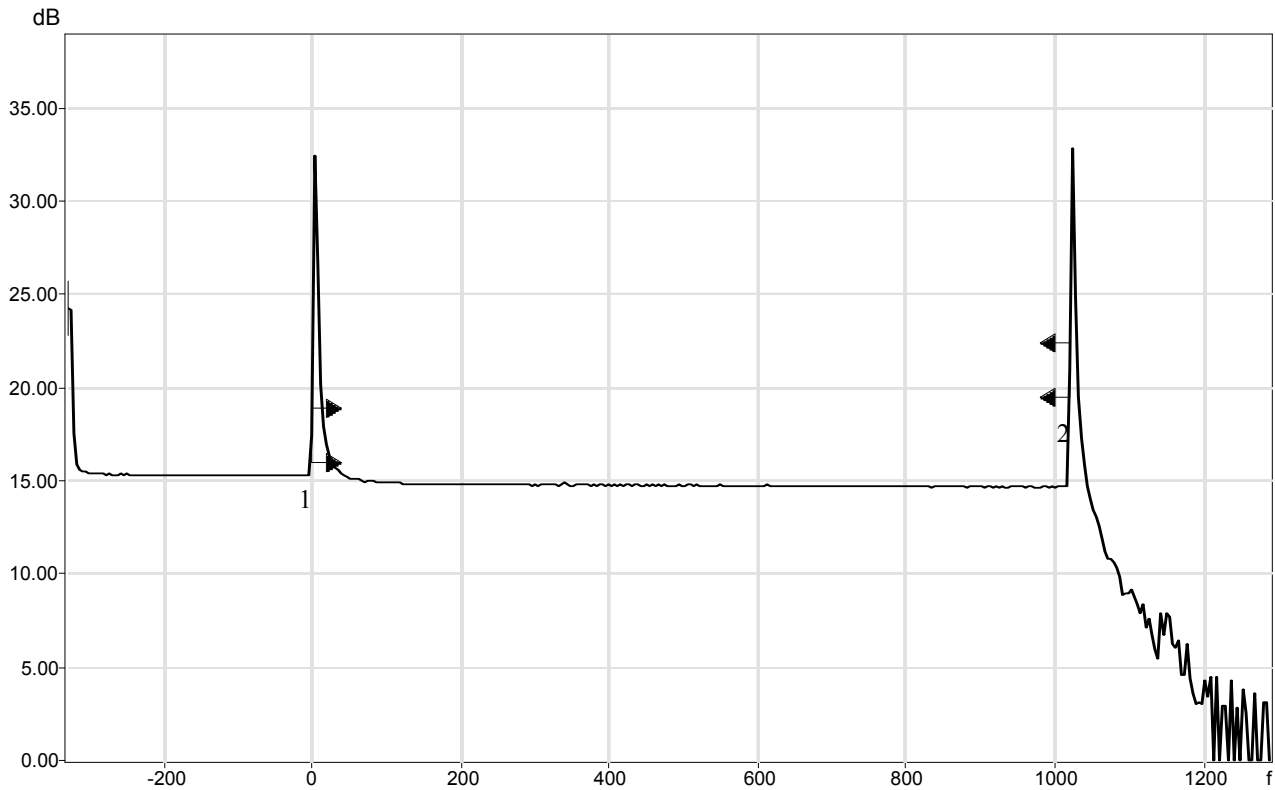
Cable Info

Fiber ID	: Fiber0003	Cable ID	: Cable 1
Location A	: Tower	Location B	: Seatainer
Cable Mfr.	: OCC DX006DALS9KAA2	Type	: MM 50um
Subset ID	:	Color ID	: Green

Link Measurements

Link Loss	: 0.611 dB	Avg. Splice Loss	: ---
Link Length	: 1.0192 kf	Max. Splice Loss	: ---
Average Loss	: 0.600 dB/kf	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		---
		Seatainer				
	0.0000	Fiber Section (0.3304 kf)	0.120		0.363	---
2		Reflective Fault	0.386	-26.8		0.386
		Tower				
	1.0192	Fiber Section (1.0192 kf)	0.225		0.221	0.611
		Reflective Fault	---	-24.7		0.611

Test and Cable Setup

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