

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 (12:17:50 PM)	File	: tower.sl.trc

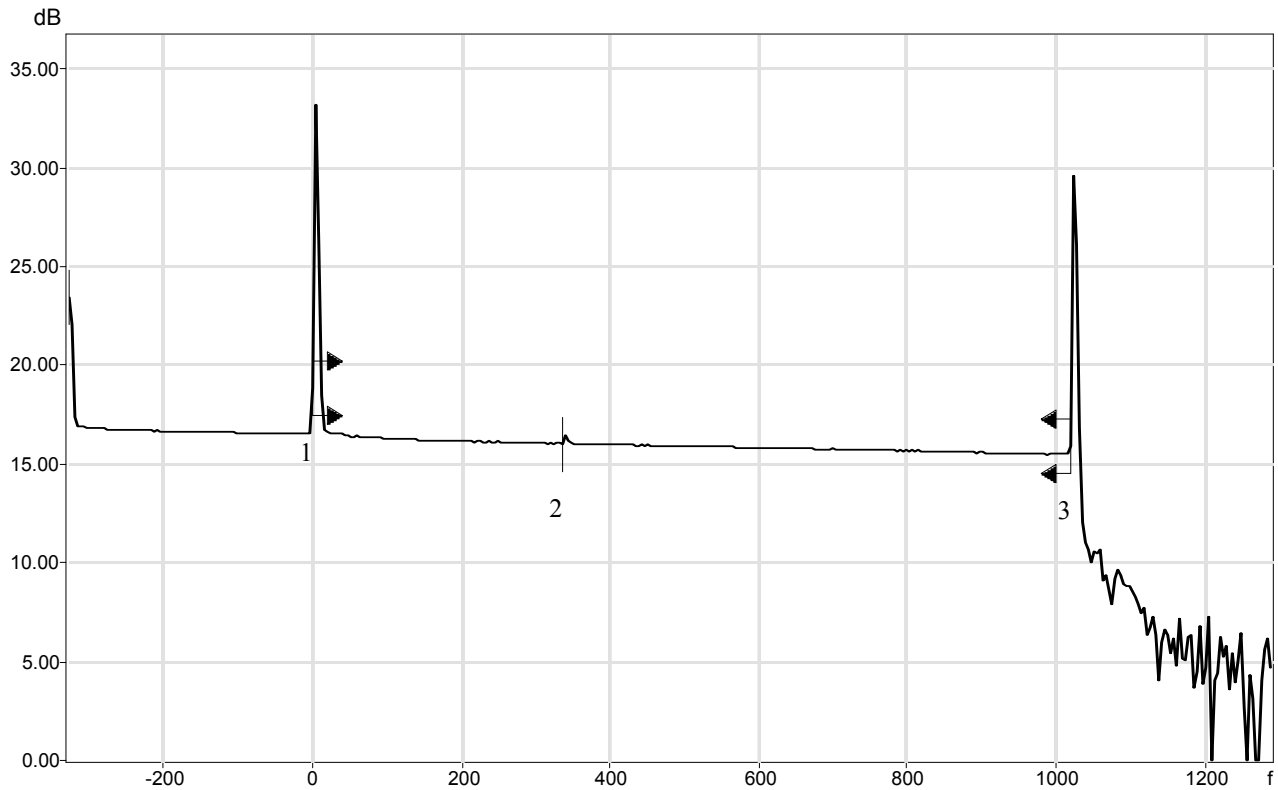
Cable Info

Fiber ID	: Fiber0005	Cable ID	: Cable 1
Location A	: Tower	Location B	: Seatainer
Cable Mfr.	: OCC DX006DALS9KAA2	Type	: MM 50um
Subset ID	:	Color ID	: Slate

Link Measurements

Link Loss	: 0.988 dB	Avg. Splice Loss	: ---
Link Length	: 1.0211 kf	Max. Splice Loss	: ---
Average Loss	: 0.968 dB/kf	Total ORL	: 0.00 dB

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	-0.3303	Launch Level	---	-39.1		---
	0.0000	Fiber Section (0.3303 kf)	0.357		1.080	---
		Reflective Fault	0.065	-21.3		0.065
2		Tower				
	0.3375	Fiber Section (0.3375 kf)	0.407		1.206	0.473
		Reflective Fault (Possible Echo)	-0.024	-60.6		0.449
3		Fiber Section (0.6836 kf)	0.539		0.789	0.988
	1.0211	Reflective Fault	---	-23.8		0.988
		Seatainer				

Test and Cable Setup

Wavelength	: 850 nm (MM-50µm)	Acq. Time	: 15 s
Filename	: tower.sl.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 (12:18:06 PM)	File	: tower.sl.trc

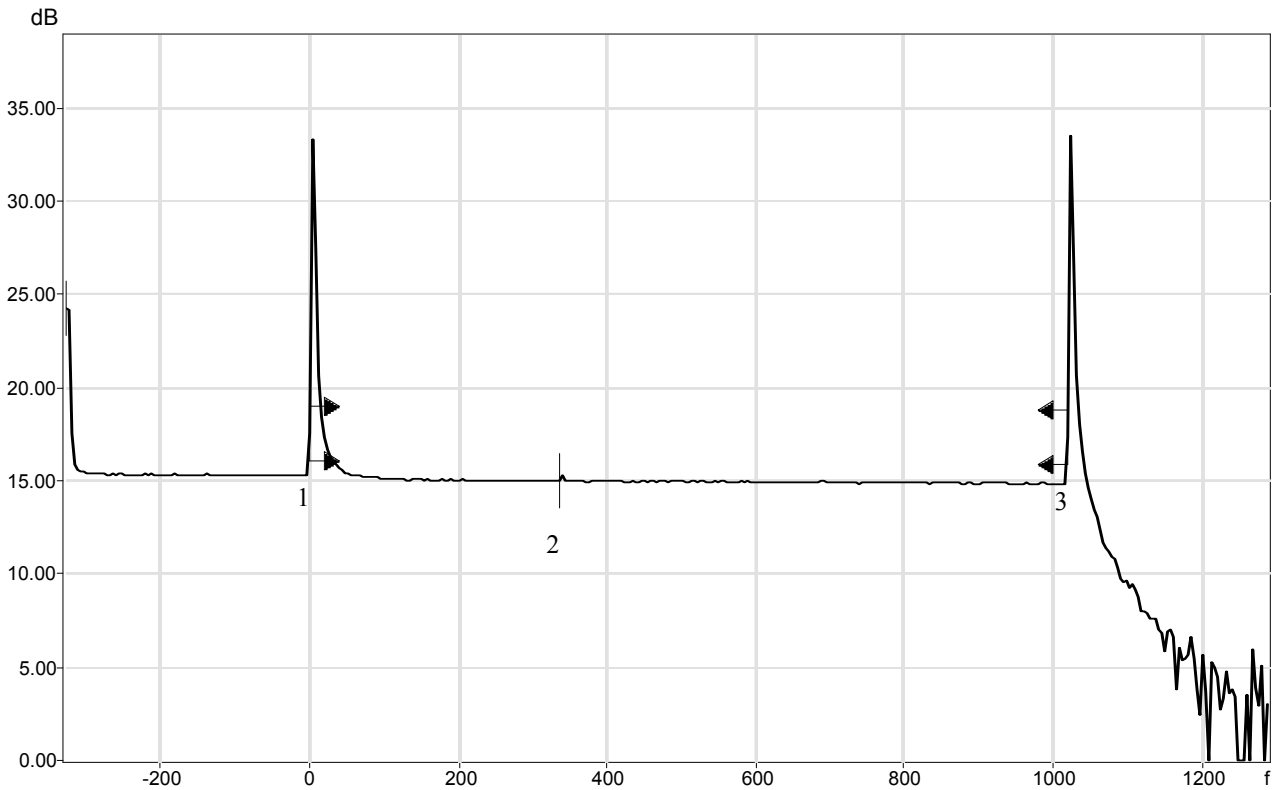
Cable Info

Fiber ID	: Fiber0005	Cable ID	: Cable 1
Location A	: Tower	Location B	: Seatainer
Cable Mfr.	: OCC DX006DALS9KAA2	Type	: MM 50um
Subset ID	:	Color ID	: Slate

Link Measurements

Link Loss	: 0.538 dB	Avg. Splice Loss	: ---
Link Length	: 1.0200 kf	Max. Splice Loss	: ---
Average Loss	: 0.527 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		---
	0.0000	Fiber Section (0.3304 kf)	0.104		0.314	---
		Reflective Fault	0.119	-25.5		0.119
2		Tower				
	0.3374	Fiber Section (0.3374 kf)	0.225		0.666	0.343
		Reflective Fault (Possible Echo)	0.047	-69.9		0.390
3		Fiber Section (0.6826 kf)	0.147		0.215	0.538
	1.0200	Reflective Fault	---	-24.1		0.538
		Seatainer				

Test and Cable Setup

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