

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 (12:16:51 PM)	File	: tower.br.trc

Cable Info

Fiber ID	: Fiber0004	Cable ID	: Cable 1
Location A	: Tower	Location B	: Seatainer
Cable Mfr.	: OCC DX006DALS9KAA2	Type	: MM 50um
Subset ID	:	Color ID	: Brown

Link Measurements

Link Loss	: 1.134 dB	Avg. Splice Loss	: ---
Link Length	: 1.0211 kf	Max. Splice Loss	: ---
Average Loss	: 1.111 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	-0.3303	Launch Level	---	-39.1		---
	0.0000	Fiber Section (0.3303 kf)	0.362		1.095	---
		Reflective Fault	0.116	-19.3		0.116
2	0.3375	Tower				
		Fiber Section (0.3375 kf)	0.469		1.391	0.585
		Reflective Fault (Possible Echo)	0.017	-56.4		0.602
3	1.0211	Fiber Section (0.6836 kf)	0.532		0.778	1.134
		Reflective Fault	---	-31.2		1.134
		Seatainer				

Test and Cable Setup

Wavelength	: 850 nm (MM-50µm)	Acq. Time	: 15 s
Filename	: tower.br.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 (12:17:06 PM)	File	: tower.br.trc

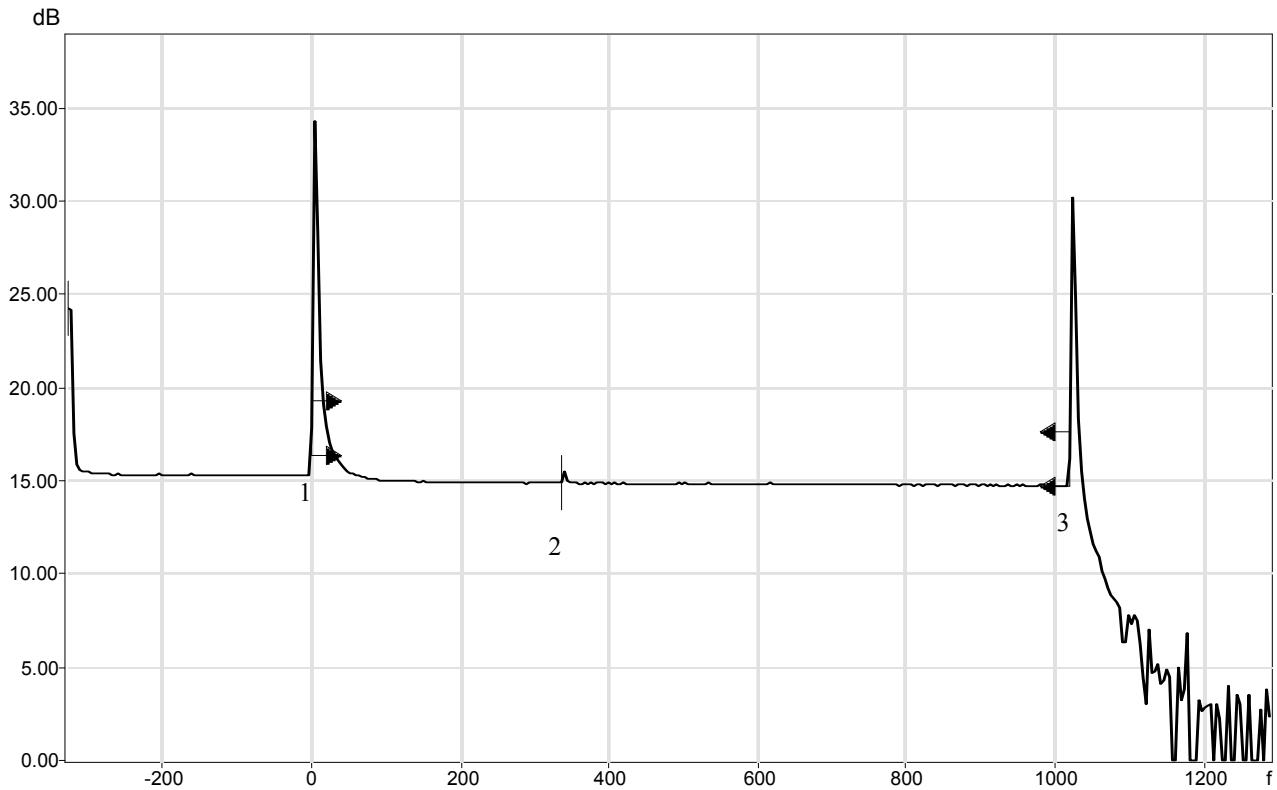
Cable Info

Fiber ID	: Fiber0004	Cable ID	: Cable 1
Location A	: Tower	Location B	: Seatainer
Cable Mfr.	: OCC DX006DALS9KAA2	Type	: MM 50um
Subset ID	:	Color ID	: Brown

Link Measurements

Link Loss	: 0.662 dB	Avg. Splice Loss	: ---
Link Length	: 1.0202 kf	Max. Splice Loss	: ---
Average Loss	: 0.649 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)	0.095		0.287	---
		Reflective Fault	0.227	-23.5		0.227
2		Tower				
	0.3374	Fiber Section (0.3374 kf)	0.245		0.727	0.472
		Reflective Fault (Possible Echo)	0.064	-66.2		0.536
3		Fiber Section (0.6828 kf)	0.126		0.184	0.662
	1.0202	Reflective Fault	---	-29.7		0.662
		Seatainer				

Test and Cable Setup

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