

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
Contractor :
Customer :
Test Date : 10/14/2009 (1:45:33 PM)

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

Cable Info

Fiber ID : Fiber0005
Location A : Seatainer
Cable Mfr. : OCC DX006DALS9KAA2
Subset ID :

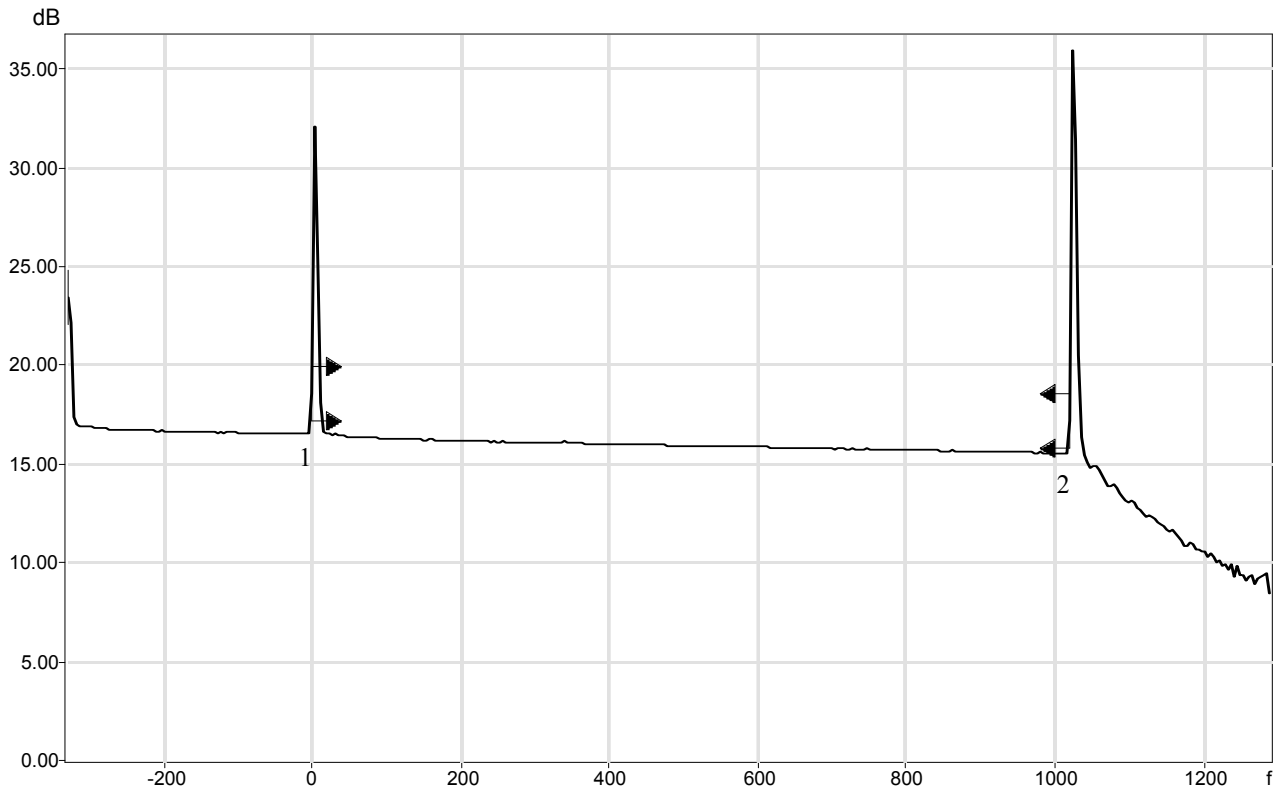
Cable ID : Cable 1
Location B : Tower
Type : MM 50um
Color ID : Slate

Link Measurements

Link Loss : 0.935 dB
Link Length : 1.0203 kf
Average Loss : 0.916 dB/kf

Avg. Splice Loss : ---
Max. Splice Loss : ---
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)	0.371		1.122	---
		Reflective Fault	0.118	-23.5		0.118
2		Seatainer				
	1.0203	Fiber Section (1.0203 kf)	0.817		0.801	0.935
		Reflective Fault	---	-12.4		0.935
		Tower				

Test and Cable Setup

Wavelength	: 850 nm (MM-50µm)	Acq. Time	: 15 s
Filename	: base.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
Contractor :
Customer :
Test Date : 10/14/2009 (1:45:48 PM)

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

Cable Info

Fiber ID : Fiber0005
Location A : Seatainer
Cable Mfr. : OCC DX006DALS9KAA2
Subset ID :

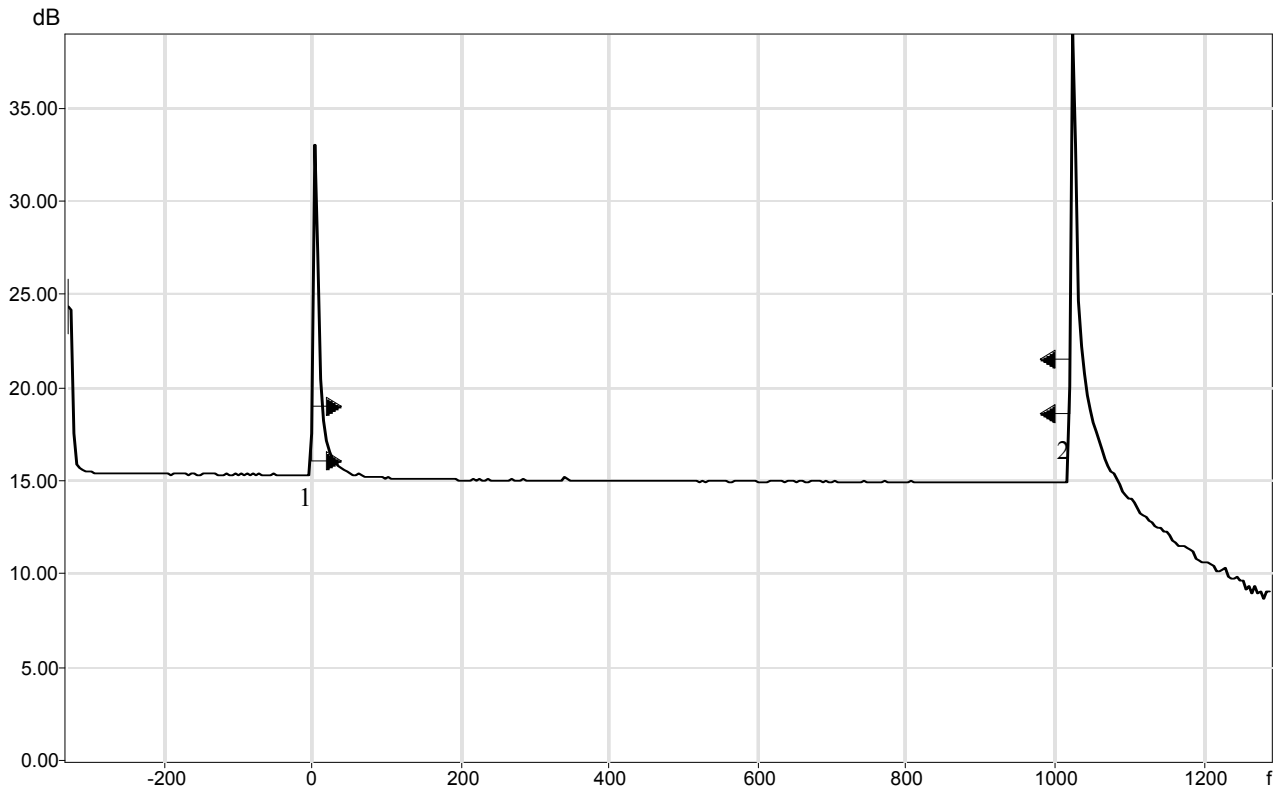
Cable ID : Cable 1
Location B : Tower
Type : MM 50um
Color ID : Slate

Link Measurements

Link Loss : 0.437 dB
Link Length : 1.0197 kf
Average Loss : 0.429 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	---	-40.0		---
	0.0000	Fiber Section (0.3304 kf)	0.100		0.304	---
		Reflective Fault	0.187	-26.1		0.187
2		Seatainer				
		Fiber Section (1.0197 kf)	0.250		0.245	0.437
	1.0197	Reflective Fault	---	-12.9		0.437
		Tower				

Test and Cable Setup

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