

# FIS BOBCAT OTDR

The FIS BOBCAT OTDR is the most affordable Hand-Held OTDR on the Market today with all of the features of more expensive units. Features such as Trace Overlay, Visual Fault Locator, Color Display, One Button Autotest and Event Analysis are included. These are features one would expect to find on units costing thousands more. This OTDR can be operated by the novice while at the same time appreciated by the seasoned user. This unit is available in dual singlemode, dual multimode and quad single wavelength versions. Testing is made simple and fast with the press of the Auto Test button. Examine the trace using the straight forward zoom feature and A/B cursor selection button. Zero in on events fast with the powerful Event Selection feature or with the event analysis table.

The BOBCAT OTDR's abundant dynamic range and a 2 meter dead zone, makes it ideal for links up to 160km as well as being perfect for short LAN links within the facility. Weighing in at less than two pounds, this OTDR is ideal for all conditions. The rubber boot with bail adds protection and provides the ideal angle for viewing the display while operating on a work bench.

Trace analysis and reporting is fast and easy with the Pass/Fail feature, onboard event table or the supplied Telcordia SR4731 compatible software with multi-trace capability. The OTDR has on board storage of 1000 traces with the ability to download traces directly to your computer via USB cable.

## FEATURES

- Lowest Cost Quad Wavelength OTDR in the Industry
- Telcordia Compatible Software Included
- Super Simple Graphical User Interface
- Trace Comparison with Trace Overlay
- Most Affordable OTDR on the Market
- Training with Onboard Help Screens
- Event Table with Pass/Fail Feature
- Onboard Memory for 1000 traces
- Light Weight Rugged Enclosure
- Easy To Read Color Display
- Ultra Fast Trace Acquisition
- SM, MM & Quad Units Available
- Intergrated Auto Wave LTS
- Trouble Shooting with VFL
- 32 dB Dynamic Range
- Bright Color Display
- One Button Testing
- Short Dead Zone

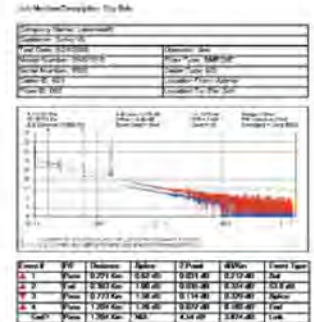


#	✓	KN	SPLICE	2POINT	DB/KN	TYPE
1	✓	0.1848	+1.94	-0.075	-0.451	-78.7
2	✓	0.3676	+1.94	+0.024	+0.137	-65.3
3	✗	0.5508	+1.25	+0.373	+2.131	Splic
4	✗	0.9188	+4.05	+0.014	+0.039	+46.1
5	✗	0.9440	+2.64	-0.965	-0.057	Splic
E	✓	0.9108	-NA-	+4.152	+4.654	Link

Event Table

000	FISTEST_000	013	FISTEST_013
001	FISTEST_001	014	FISTEST_014
002	FISTEST_002	015	FISTEST_015
003	FISTEST_003	016	FISTEST_016
004	FISTEST_004	017	FISTEST_017
005	FISTEST_005	018	FISTEST_018
006	FISTEST_006	019	FISTEST_019
007	FISTEST_007	020	FISTEST_020
008	FISTEST_008	021	FISTEST_021
009	FISTEST_009	022	FISTEST_022
010	FISTEST_010	023	FISTEST_023
011	FISTEST_011	024	FISTEST_024
012	FISTEST_012	025	FISTEST_025

File Management



Report Printout From Software Included With The BOBCAT OTDR

Contact your FIS Sales Associate for a free OTDR Android™ app.

Android™ Phones & Tablets compatible



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## SPECIFICATIONS

Wavelength	850, 1300, 1310, 1550, ±20nm
Dynamic Range	27/26dB MM, 30/29dB SM
Pulse Width	20 - 10,000 ns
Units of Measurement	km, kf
Event Dead Zone	2m
Attenuation Dead Zone	5m
Resolution	.25 - 64m
Distance Uncertainty	±(0.75m + 0.005% x distance + sampling resolution)
Full Scale Distance Range	1-64km MM, 1-160km SM
Typical Real-time Refresh Rate	4 Hz
Group Index of Refraction (GIR)	1.024 - 2.048
Linearity	± .05 dB/dB
Memory Capacity	1000
Memory Type	Internal
Power Supply / Charger	Universal
Battery	4 hr
Storage Temperature	-20 to 60 C
Operating Temperature Range	-10 to 50 C
Dimensions (without rubber boot)	7.62" L x 3.88" W x 1.56" H (194mm L x 99mm W x 40mm H)
Weight	1.6 lbs
Communications ports	USB
Connector Styles	FC, ST, SC Interchangeable
Accessories Provided	Universal Power Adapter w/US, UK, Continental Europe, and Australian Plugs, Interchangeable FC/ST and SC Adapters, Windows/Telcordia SR4731 Software, Rubber Boot, USB Cable, Manual
Visible Light Source	
Emitter Type	Laser
Wavelength	650nm ±5nm
Laser Safety Class	Class IIFDA21 CFR1040.10 & 1040.11 IEC 825-1: 1993
Connector Type	2.5mm Universal
Output Power	1mW Max.

## ORDERING INFORMATION

OVP-QUAD-DR	Quad Wavelength OTDR 850/1300/1310/1550nm
OVP-850-DR	Multimode OTDR 850nm
OVP-1300-DR	Multimode OTDR 1300nm
OVP-8513-DR	Dual Multimode OTDR 850/1300nm
OVP-1310-DR	Singlemode OTDR 1310nm
OVP-1550-DR	Singlemode OTDR 1550nm
OVP-1315-DR	Singlemode OTDR 1310/1550nm
OVP-HC	Hard Carry Case
OVP-BC	Auxiliary Charger Kit