

Firecat OTDR

Description

The FIS Firecat OTDR provides an industry leading value with its low cost and easy functionality. This unit is perfect for both inexperienced and experienced technicians alike with its simple on-screen 'soft key menus'. By providing the essentials for fiber optic troubleshooting, this OTDR is the perfect tool for basic link troubleshooting and is affordable enough for every truck, office or tool kit.

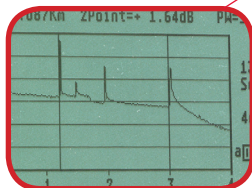
Each Unit Includes: 110v AC Adapter, Certification Software, Data Transfer Cable, SC Interchangeable Adapter, Soft Carry Case, and Instruction Manual

FEATURES

- Dynamic Range - 23dB
- Lowest Cost OTDR in the Industry
- Event Table and Auto-Test Modes
- Multimode Units Designed to Work with Both 50/125µm and 62.5/125µm Fiber



New Interchangeable Adapters



Backlit screen for easy use in dim lighting



Backlit Keypad for Easy Use



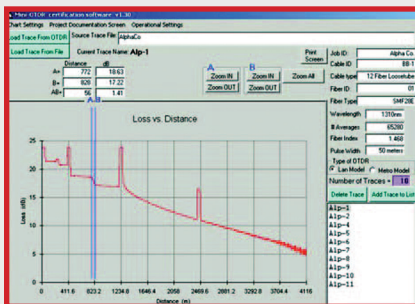
On-screen display of fiber characteristics



Soft key menu for easy navigation



USB Data Transfer



Trace Analyzer Viewer Software (Screen)

- Data transfer via USB
- Allows you to view and print OTDR traces
- Allows creation of a trace header upon transfer of files



Small and Lightweight



Available Ruggedized Version

OPERATION SPECIFICATIONS

Wavelength of Operation	850, 1300, 1310, 1550nm, +/- 20nm
Connector type	Interchangeable SC (FC and ST also available)
Dynamic Range	23dB
Distance Accuracy	+/- (1mtr + .01% x distance)
Loss Modes	2 Point, Splice Loss, dB/km
Group IOR Range	1.024 – 2.048
Vertical Expansion	0.5, 1, 2, 4 dB/div
Units of Measure	Meters/Kilofeet Short Pulse (SP) 4m/13ft Medium Pulse (MP) 50m/164ft Long Pulse (LP) 100m/330ft
Pulse Widths	1Km/3.3Kft 4Km/8Kft(SP) 4Km/13Kft, 16Km/53Kft(MP) 16Km/53Kft, 64Km/215Kft(LP)
Distance Range	
Dead Zone	6m
Distance Interval	2m/6ft(SP), 8m/25ft(MP), 32m/105ft(LP) 16Km/32Kft, 8Km/16Kft, 4Km/8Kft, 2Km/4Kft/div (LP-Ext)
Horizontal Exp	4Km/8Kft, 2Km/4Kft, 1Km/2Kft, 500m/1Kft/div (LP-Norm and MP-Ext) 1Km/2Kft, 512m/1Kft, 256m/512ft, 128m/256ft/div (MP-Norm and SP-Ext)
Data Storage	255 traces
Computer Interface	USB
Operation Temp	0° - +50°C
Storage Temp	-40° - +60°C
AC Power	120 VAC standard (220 VAC available)
Batteries	8 AA NiMH Cells
Battery Life	12 hours (typ.)
Recharger Time	12 hours (typ.)
Size/Weight - Ruggedized	8" X 6.5" X 3.5" / 2.75 lbs.
Size/Weight - Hand Held	7.25" X 4.5" X 2.75" / 1.9 lbs.

PART #	DESCRIPTION	PRICE
FIRECAT-850	Single Wavelength – Multimode 850nm	\$1,995.00
FIRECAT-1300	Single Wavelength – Multimode 1300nm	1,995.00
FIRECAT-1310	Single Wavelength – Singlemode 1310nm	1,995.00
FIRECAT-1550	Single Wavelength – Singlemode 1550nm	1,995.00
FIRECAT-8513	Dual Wavelength - Multimode 850/1300	2,700.00
FIRECAT-1315	Dual Wavelength – Singlemode 1310/1550	2,700.00
FIRECAT-QUAD	Quad Wavelength – MM/SM 850/1300/1310/1550	4,500.00

ACCESSORIES

PART #	DESCRIPTION	PRICE
FIRECAT-AC110	AC Adapter 110v	\$35.00
FIRECAT-AC220	AC Adapter 220v	35.00
FIRECAT-CASE	Hard Carry Case	100.00
FIRECAT-USB	USB Flash Drive with Certification Software	19.95
FIRECAT-CABLE	Data Transfer Cable	6.95
F1-FIRECAT-ST	ST Adapter	10.00
F1-FIRECAT-FC	FC Adapter	10.00
F1-FIRECAT-SC	SC Adapter	10.00



1.800.5000.FIS

161 Clear Road • Oriskany, NY 13424
 Tel: 315.736.2206 • Fax: 315.736.2285
 info@fiberinstrumentsales.com
 www.fiberinstrumentsales.com

