

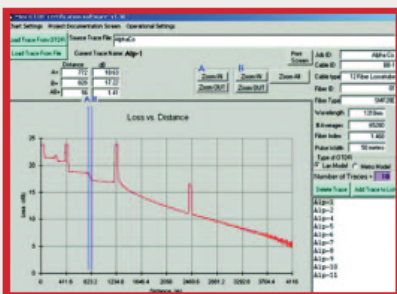


FEATURES

- Core Alignment using IPAS Technology
- 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

The 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



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

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
Pulse Widths	Short Pulse (SP) 4m/13ft Medium Pulse (MP) 50m/164ft Long Pulse (LP) 100m/330ft 1Km/3.3Kft 4Km/8Kft(SP) 4Km/13Kft, 16Km/53Kft(MP) 16Km/53Kft, 64Km/215Kft(LP)
Distance Range	2m/6ft(SP), 8m/25ft(MP), 32m/105ft(LP) 16Km/32Kft, 8Km/16Kft, 4Km/8Kft, 2Km/4Kft/div (LP-Ext) 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)
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 Temperature	0° - +50°C
Storage Temperature	-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.

ORDERING INFORMATION

FIRECAT-850	Single Wavelength – Multimode 850nm
FIRECAT-1300	Single Wavelength – Multimode 1330nm
FIRECAT-1310	Single Wavelength – Singlemode 1310nm
FIRECAT-1550	Single Wavelength – Singlemode 1550nm
FIRECAT-1315	Dual Wavelength – Singlemode 1310/1550
FIRECAT-8513	Dual Wavelength - Multimode 850/1300
FIRECAT-QUAD	Quad Wavelength – MM/SM 850/1300/1310/1550

ACCESSORIES

FIRECAT-AC110	AC Adapter 110v
FIRECAT-AC220	AC Adapter 220v
FIRECAT-CASE	Hard Carry Case
FIRECAT-USB	USB Flash Drive with Certification Software
FIRECAT-CABLE	Data Transfer Cable
F1-FIRECAT-ST	ST Adapter
F1-FIRECAT-FC	FC Adapter
F1-FIRECAT-SC	SC Adapter