

FIS NEW FIRECAT SERIES MINI OTDR



Part #: FC1315A26D

FEATURES

- Wavelength: Single mode:1310/1550nm
- Measuring range: Min 100m – Max 100km
- Touch screen or Hard Key Functions
- OTDR data format: SOR format
- Onboard Features: Power meter, Light source, OTLS, VFL, OTDR, Graphical Event Map Display, Optional Network Cable Test.
- Keyboard input, edit save file name and line number
- The 4.3-inch TFT screen, 800 x 480 pixels display
- Units of measurement: Kilometers, Kilofeet, Miles
- 26dB dynamic range, tests up to 75 km at 1550nm
- APC OTDR port with SC & FC interchangeable adapters
- USB Connector Inspection Probe (sold separately)
- Lithium Batteries – Lasts 8 hours or more on full charge
- PDF Batch Reporting software included

This new FIS Single Mode OTDR (1310/1550nm) is the perfect handheld testing device for a range of fiber optic applications. With an OTDR dynamic range of 26dB it can test and measure up to 90km (approx. 55 miles) of fiber at 1550nm. It also has an on-board Visual Fault locator, power meter, light source; having the capability of an all-in one optical loss test set (OLTS). The mini-OTDR stores files in the very commonly used .SOR format and comes with reporting software that will print large batches of OTDR scans into professional, easy to read PDF reports.

What's also easy to read is our user friendly graphical mapping software or called "gMAP". This software takes the OTDR scan and breaks it down into an easy to read set of icons; displaying the specific type of event being detected (splice, mated connector, bend, etc.) and the important details of all events on the fiber (distance, dB loss, reflection, etc.). This alternative OTDR scan allows even the most inexperienced user to easily interpret the information needed to identify, troubleshoot and verify the important characteristics of a fiber optic cable installation.

SPECIFICATIONS

Measurement Range	100m, 500m, 2km, 5km, 10km, 20km, 40km, 60km, 100km
Sampling points	64,000 points
Linearity	≤0.05dB/dB
Loss threshold	0.01dB
Loss resolution	0.001dB
Range resolution	0.01m
Memory (# of Files)	Up to 80,000
VFL (Visual Fault Locator)	10Km - 650nm,CW/2Hz
Data interface	2.0 USB (Type A×1, Micro usb×1), SD card
Screen	4.3-inch TFT-LCD (Standard distribution capacity touch screen, optimized for outdoor sunlight)
Battery	Rechargeable, 3.7V/5200mAh
Temperature	Working temperature:-10C~+55°C Storage temperature:-20°C ~+80°C
Humidity	≤95% (No condensation)
Size/Weight	6.9" x 4.1" x 1.8" / 1.25 lbs. 20 oz. (with battery)
Accessories	Power adapter, lithium battery, FC adaptor, USB cable, quick guide, portable package
Power Meter	850/1300/1310/1490/1550/1625/1650nm: -10dBm~-70dBm
Light Source	The output power:-4~-10dBm±2dB, Modulation Frequency: CW/270Hz/1KHz/2KHz