

FIBER OPTICAL RANGER



FO-TF4000 Optical fiber ranger is test equipment that functions similar to an optical time domain reflectometer. It is used in single mode fiber test applications. The fiber optic ranger is much smaller size and lighter weight compared to the fiber optic OTDR, and it is much more cost effective. They are used in optical fiber links troubleshooting, maintenance and test.

APPLICATIONS

- » Testing the distance of the fiber and identify the faults location in the fiber link.
- » Locates reflective and non-reflective breaks in the fiber network.
- » Inspection of fiber repair and maintenance.

SPECIFICATIONS

Operating Wavelength	1550nm (1310nm Optional)
Fiber Type	9/125um SM Fiber
Optical Connector Type	FC/PC
Detector Type	InGaAs
Peak Power of laser	≥60mW
Max. Displaying Distance	Reflection Event : 60km (≥1dB)
Reflection Event Dead Zone	15m
Distance Accuracy Reflection Event	± (2m+2*10 ⁻⁴)*Distance
Wavelength of VFL Option	650nm
Output Power of VFL Option	≥1mW
Power Supply	Alkaline Battery (3pcs AA 4.5V Batteries)
Battery Operating Time	≥5000 measurements
Battery Operating Time (C°)	-5~40
Storage Temperature (C°)	-10~60
Humidity	0~85% (Non-condensation)
Dimensions	190*100*50mm
Weight (g)	450

Features

- » Portable, rugged, lightweight; Easy to use.
- » More accurate testing results and better repeatability.
- » Up to 8 fiber faults can be detected in each measurement.
- » Automatic Pulse Width Control design to ensure a convenient operation.
- » Easy to identify the faults location.
- » Built-in visual fault locator (VFL), conveniently to find the faults in dead zone.
- » Dust, water and shock proof, designed for field use
- » Long battery life, up to 5000 measurements operation.


FIBER OPTIC SYSTEMS®

Art No

Product Description

FO-TF4000

Fiber Optical Ranger