

Optical Fiber Identifier

ATI-S4-NFT



Description:

The identification instrument is used for optical cable construction and maintenance. The macrobending technology is used to perform non-destructive testing on the line, which can measure the signal direction and approximate power to avoid line interruption caused by misoperation.

Feature:

- The relative power is displayed by digital.
- There is no need to interrupt the light source during on-line test.
- Identify 270Hz, 1kHz, 2kHz modulation signals.
- Operation mode: simple, quick and convenient.
- Battery power display function, can clear the state of power at any time.
- Four in one universal fixture, no need to replace during on-line test Clamp to ensure no damage to the fiber.

Specification:

Item	Parameter
Wavelength range	800-1700nm
Signal recognition type	CW, 270Hz±5%, 1kHz±5%, 2kHz±5%
Detector Type	φ1mm InGaAs 2pcs
Adapted fiber type	currency φ0.25/φ0.9(for bare fibers); φ2.0, φ3.0(for tail fiber)
Signal direction	LED indicator light for left and right direction indication
Signal frequency range	270Hz, 1kHz, 2kHz

Measuring range of Optical power meter	-70~+10dbm/-50~+26dbm
Probe Type	InGaAs
Wavelength range	850~1650nm
Standard wavelength(nm)	850、980、1270、1300、1310、1490、1550、1577、1625、1650
Display resolution	Linear display:0.1%Logarithmic display:0.01dBm
Working temperature(°C)	-10~+60°C
Storage temperature(°C)	-25~+70°C
Automatic shutdown time(min)	10 minutes
Output optical power of red light source	≥10mW
Red light source output wavelength	650nm
Overall dimensions(mm)	240×47×30
Power Supply	9V alkaline battery

