

FOBER FB6001 OTDR



Main feature:

Ultra-short event dead zone with n less than 0.8m

integrated 5.7 -inch color TFT LCD display, button / touch dual operation;

dynamic range: 35/33dB, up to 45dB;

built-in stable light source function 1310/1550nm;

built-in optical power meter test function;

Built-in visible red light fault location (VFL)

Built-in optical loss test (optional)

built-in fiber optic connector end face detection

light eye (MAP view) (optional)

fault locator (optional)

has multi-wavelength synchronous test function;

specifications:

Dynamic Range	35/33dB
Ranging accuracy	$\pm(1\text{ m} + \text{sampling interval} + 0.005\% \times \text{distance})$ (excluding refractive index placement error)
Highest range resolution	0.05m
Test range	0.4 , 0.8 , 1.6 , 3.2 , 6.4 , 16 , 32 , 64 , 128 , 256 , 512km
Test pulse width	5 , 10 , 30 , 100 , 275 , 500 , 1000 , 5000 , 10000 , 20000 ns
Loss threshold	0.01dB
Sampling points	128k
Linearity	0.05dB/dB
Loss resolution	0.001dB
Waveform storage capacity	$\geq 1000 F_u$
External interface	USB , Min-USB , RJ-45
Optical output interface	FC/SC/ST (replaceable)
VFL	650nm \pm 10nm , \geq 5mW (typical)
Optical power meter	Wavelength range: 1200nm ~ 1650nm , power range: -70 ~ +10dBm
Stable light source function	1310/1550nm : -5dBm , CW (270Hz, 1K270Hz, 2K270Hz)
Display	5.7 -inch colour TFT LCD touch screen
battery	7.4v/5000mAh lithium battery pack, supports up to 12 hours of continuous working time
power supply	Output : 19V. 1.31A
Adapt to the environment	Working temperature: -5 ~ +50 °C , storage temperature: -20 ~ +70 °C , Relative humidity: 0 ~ 95 % no condensation
size	215mm *150mm*70mm
Weight (with battery)	<1.5kg
Language	Chinese, English, other languages (optional)