

Fasser OPM/OPM&VFL series products use single chip microprocessor control, Complete Functions. adopt embedded detector and laser, which can be well protected. The machine has 10 standard wavelengths such as 1270nm/1577nm, and also has frequency recognition, wavelength recognition, automatic shutdown, CW/1Hz/2Hz three red light modes, backlight display, wavelength memory, user calibration, lighting and other functions. while supporting Support RJ45 cable sequence and line hunting test, wide test range, high accuracy. Mainly used for continuous optical signal power measurement, optical fiber link loss test and optical fiber line on-off test. They are widely used in optical cable construction and maintenance, optical fiber communication, optical cable sensing, optical CATV and other fields.

Product Specification

Type	F-OPM3
Connector	Universal
Identify wavelength range	800/1700nm
Power Range	$\leq -70\text{dBm} \sim +6\text{dBm}$
Detector Type	InGaAs
Uncertainty	5%
Standard Wave	850/980/1270/1300/1310/1490/1550/1577/1625/1650nm
Identified Frequency	CW, 270Hz/330Hz/1kHz/2kHz
Display resolution	Linear display: 0.1%, Logarithmic display: 0.01 dBm
Storage	Supported
Wavelength Recognition	Supported
Power Supply	Lithium batteries
Interface	Type-C
Automatic Shutdown Time	10/30/60min
Battery	$\geq 120\text{h}$ (OPM)
Operating Temperature	$-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$
Storage Temperature	$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Humidity	0~95% No condensation
Weight	200g
Dimensions	127mm $\times$ 78mm $\times$ 30mm

Optical Light Source

Wavelength	1310/1490/1550 $\pm 20\text{nm}$
Output Power	$\leq -5\text{dBm}$
Power Regulation Range	0~6dB
Power Regulation Step	1dB
Working Mode	+0.2dB/15min(After 15 minutes of preheating)
Stability	CW/270Hz/330Hz/1kHz/2kHz/ID/TWINS
Optical Connector	FC/SC

Visual Fault Locator

Wavelength	650 $\pm 30\text{nm}$
Output Power	$\geq 10\text{mW}$
Working Mode	CW/1Hz/2Hz
Optical Connector	Universal joint FC/SC/ST

Features Product

- 10 Wave power measure
- Reference CW/270/330/1kHz/2kHz modulated optical signals
- Supported CW/1Hz/2Hz three modes
- Support backlight display, automatic shutdown
- Wavelength recognition
- Support storage
- Support wavelength memory

