

## Optical Performance Monitor

The Optical Performance Monitor is a miniature product with high performance that uses the up to date GaAsIn array technology for DWDM network. It can rapidly provide accurate measurements of wavelength, power and optical signal-to-noise ratio (OSNR) for each channels, it is excellent for DWDM network management.

### Features of our OPM:

- Excellent performance in measure signal wavelength and OSNR
- High sensitivity
- High dynamic detection range (>40dB)
- Fast measure speed
- Compact packaged
- No movable parts

### Applications for our OPM:

- Performance monitoring of DWDM systems
- Wavelength locking or laser sources
- Remote equalization of DWDM systems based on optical power or OSNR
- Optical Add/Drop monitoring
- Fault detection and alarm

### Specifications:

Parameters	Unit	Value
Wavelength Range	nm	1528 - 1562 1569 - 1603 customer specified (can cover 34nm spectra)
Absolute Wavelength Accuracy	nm	<+/- 0.04
OSNR	dB	>25 (50 GHz)    >30 (100GHz)
Input Optical Power	dBm	0 ~ -60
Sensitivity	dBm	-70
Absolute Power Accuracy	dB	+/- 0.5
Power Resolution	dB	0.1
Measurement Time	ms	< 100

Voltage	V	5 DC
Operation Temperature	C	0 ~ +65
Interface		RS232 or customer specified

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing [sales2@o-eland.com](mailto:sales2@o-eland.com)