

## Optical Performance Monitor(OPM)



### Product Introduction

Accelink's Optical Performance Monitor (OPM) is subjected to DWDM system. The module de-multiplexes 100/50 GHz spaced or Flex-Grid channel optical signals within the range of 1528nm to 1568nm through optical tunable filter, tapped from an optical network. The results, which including optical spectrum, channel power, channel wavelength and channel OSNR are provided to the customer.

### Features

- Extended C band (1528nm-1568nm)
- High dynamic range (>40dB)
- Flex-grid channel spacing
- In-band OSNR monitoring
- Signal format independent
- Low power consumption

### Applications

- DWDM monitoring
- Tunable signal filtering
- Optical sensing

### Standards

- Telcordia GR-1312-CORE
- RoHS

### Specifications

Parameter	Unit	Specifications
Operation Wavelength Range	nm	1528~1568
Minimum Channel width	GHz	37.5
Supported Signal Rate	Gbps	2.5/5/10/40/100/200/400
Adjacent channel power Divergence	dB	6 (above 10Gbps) 10 (below 10Gbps)

Non- Adjacent channel power Divergence	dB	15
Wavelength accuracy	pm	±50
Power Detect Accuracy	dB	±1
OSNR Detect Accuracy	dB	±1.5
Scan time - all channels	ms	500
Sweep times	Billion	1
Operating Temperature	°C	-15~65

### Ordering Information

