

SFP Variable Optical Attenuator Module for M6200 Series DWDM EDFA

SFP Module for M6200 Series Multi-Service Transport System



Description

M6200 series SFP VOA is based on a proprietary micro-electro-mechanical mechanism (MEMS), which features compact design, simple construction, easy direct drive, and excellent optical performance. It integrates a single channel VOA and tap power monitor into MSA compliant compact SFP form factor and provide I2C communication interface for easy system integration.

It is used with M6200 series EDFA for the situation where optical power is required strict control in network.

Features

- Dynamic attenuation range: 0~20dB
- Hot swappable
- Fast response time: 300ms
- High attenuation stability
- Online attenuation adjustment by M6200 series NMS system
- Highly integrated with M6200 series management platform

Application

- Long-haul DWDM system
- Optical network power management

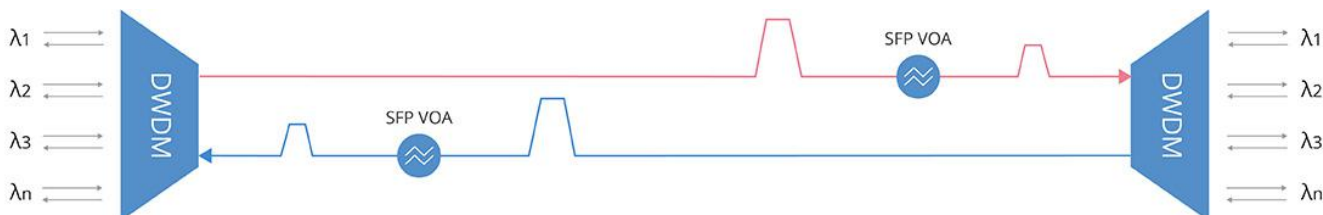
Product Specifications

Parameter	Description
Wavelength Range	1525~1570nm
Insertion Loss @ with PD *	≤ 2.5dB
Attenuation Dynamic Range	0~20dB
Wavelength Dependent Loss	0~10dB: 0.6dB 10~20dB: 1.5dB
Polarization Dependent Loss	0~10dB: 0.3dB 10~20dB: 0.5dB
Attenuation Accuracy	0~10dB: ± 1.5dB 10~20dB: ± 2dB
Power Monitor Accuracy	± 1dB
Attenuation Response Time	≤300ms
Maximum Input Power	23dBm
Return Loss	40dB
Connect Type	LC/UPC
Housing	SFP (Use with M6200 Series DWDM EDFA)
Operating Temperature	-5 to 70° C
Storage Temperature	-40 to 85° C

* **Note:** "With PD" means the SFP VOA module can monitor the input optical power.

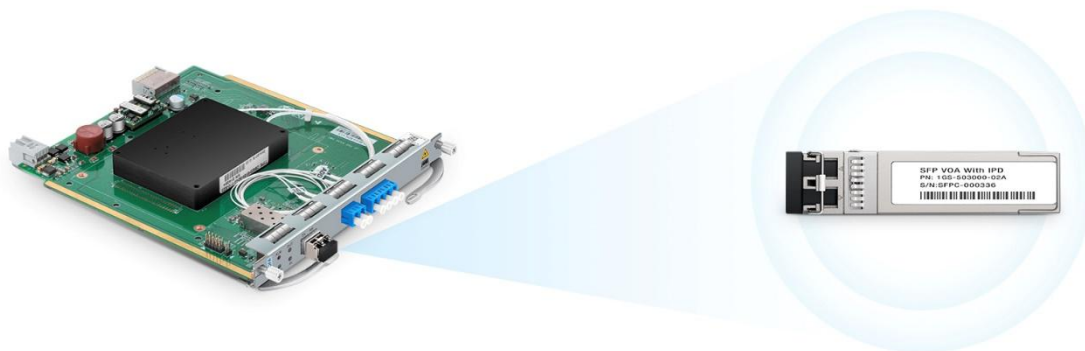
Applications

M6200 series Variable Optical Attenuator module is designed to use with M6200 series EDFA for the situation where optical power is required strict control in the network, which can achieve remote online attenuation adjustment by M6200 series NMS network management software.



Matching M6200 Series Module

M6200 series Variable Optical Attenuator module is used on the VOA port of M6200 series DWDM EDFA.



Ordering Information

ID	Description
#107366	20dBm Output Optical Booster Pluggable Module, 16dB Gain, LC/UPC
#107367	25dB Gain Optical Pre-Amplifier Pluggable Module, 16dBm Output, LC/UPC



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