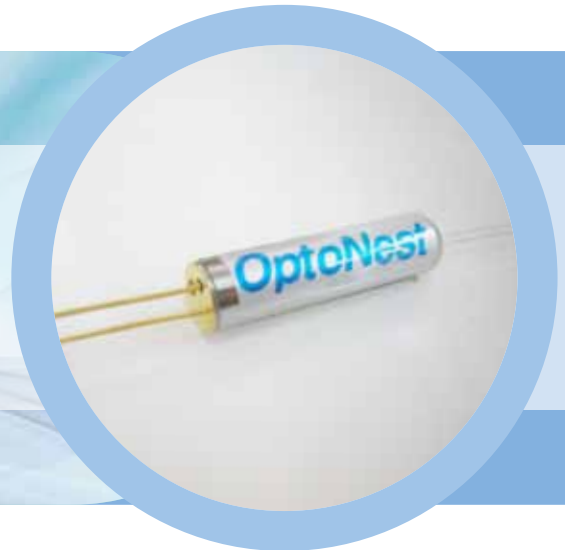


Variable Optical Attenuator



Product Description

Optonest' Variable Optical Attenuators(VOA) is designed for applications of power control in EDFA and WDM modules. This product includes a reliable MEMS chip with rapid response time and good optical performance. Optonest's VOA provides a good performance and low cost solution to meet customer's need.

옵토네스트 VOA는 EDFA와 WDM 모듈 등에서 광 파워 제어 등의 응용(어플리케이션)에 맞게 제작되었습니다. 이 제품은 MEMS CHIP이 내장되어 빠른 반응시간과 모든 응용(어플리케이션)에 잘 맞는 성능을 가지고 있습니다. 옵토네스트의 VOA는 고객의 요구에 맞게 좋은 성능과 합리적인 가격으로 제공할 수 있습니다

OptoNest의VOA는EDFA와WDM모듈等领域中光波控制等应用（系统应用）所适用而成。此产品中内置MEMS CHIP，由此具有较快的反应时间与适用所有应用（系统应用）的功能。OptoNest的VOA根据客户的要求可提供合理的价格。

Features

- Low insertion loss
- Rapid response time
- Compact size package
- Low cost solution

Applications

- Power management in optical networks
- Channel equalization in WDM module
- Receiver protection and switching

Specifications

Parameter	Specification
Operating Wavelength	C-band or L-band
Insertion Loss	≤ 1,0 dB
Return Loss	≥ 40 dB
Attenuation Range	≤ 30 dB
PDL@Att < 20dB	≤ 0,4 dB
WDL@Att = 0dB~10dB	≤ 0,5 dB
WDL@Att = 10dB~20dB	≤ 1,0 dB
TDL@Att = 0dB~10dB	≤ 0,8 dB
TDL@Att= 10dB~20dB	≤ 1,2 dB
Response Time	≤ 3 ms
Power Consumption	≤ 0,1 mW
Drive Voltage	≤ 5 V
Operating Temperature	-5~70 ° C
Type	Bright / Dark
Size	20,5 mm x 5,3 mm
Fiber Type and Length	250um SMF-28e ; 100(+10/0) cm