



1、Description

Mechanical variable optical attenuator is generally used in optical measurement. In the when measure optical receiver sensitivity, usually place in the optical receiver input to adjust receiving light power. It is in the middle of fiber connector, suitable for all kinds of fibre optic connector with all high performance of connectors.

2、Features

- Excellent Changeability and Directivity
- 100% optic test(Insertion Loss)
- Good environment stability
- Easy installation
- The attenuation value is stable and reliable
- No wavelength limit

3、Specification

Item	Parameter	
Connector Type	ST、 SC、 FC、 LC	
Fiber Type	SM	MM
Testing Wavelength	1310nm, 1550nm	850nm, 1300nm
Insertion Loss	1 ~ 30dB Adjustable	
Additional loss	≤ 0.1 dB	
Return Loss	PC≥ 50dB, APC≥ 60dB	PC≥ 25dB

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Operating Bandwidth Range	No wavelength limit
Housing Material	Plastic or metals
Alignment Sleeve	Ceramic (ZrO ₂) or customized
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +85°C

4. Application

- EDFA power amplifier
- The power balance in the system
- Optical add-drop multiplexer in the optical power regulator
- Testing instruments
- CATV, MANs, WANs
- FTTx

