

Attenuator

The device based on fiber collimators and linear filter. Precision moving filter in the collimated beam allows to provide continuous adjustment of attenuation that maintains the modal composition of the optical radiation in the multimode pattern

KEY FEATURES:

- Vibration resistance
- Thermal resistance
- No fiber welding

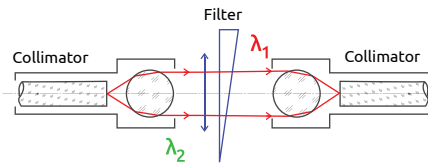
APPLICATION:

- Fiber lasers and amplifiers
- Fiber sensors
- Telecommunication systems

DIMENSIONS



The photo shows a sample of fiber-optic attenuator



Attenuator operation scheme

The attenuation values are determined from a mechanical scale. Devices are assembled using laser welding and soldering processes, which increases reliability

SPECIFICATION:

Operation wavelength, nm	1285-1335 и 1525-1575
Nominal insertion loss, dB	3.0
Attenuation interval, dB	60
Attenuation resolution, dB	0.1
Return loss, dB	55
Linearity, dB	±0.1
Dimensions, mm	120x50x40
Operating temperature, °C	-60...+60