

## MPO Fiber Optic Attenuator (1-20dB)



### Description

Fibermart MPO fiber attenuator contains doped fiber and is suitable for operation at 1310nm and 1550nm. Fixed attenuation values are available in 1dB increments from 1 to 20 dB. We have a mature attenuator production process and can fully meet customer needs. Each MPO attenuator is shipped with a test report that makes it easy for customers to check the optical performance quickly.

### Features

- Low Back Reflection
- Accurate Attenuation
- Compatible with current conventional Singlemode fiber
- 100% factory tested

### Specification

|                |  |                       |   |
|----------------|--|-----------------------|---|
| Connector      | MPO-12/16/24   | Attenuation Value     | 1~20dB  |
| Fiber Mode     | Singlemode   | Operating Wavelength  | 1260~1610nm   |
| Insertion Loss | ≤0.2dB   | Return Loss           | ≥55dB   |
| Gender         | Female to Male   | Attenuation Tolerance | (1-10dB) ±0.5, (11-25dB) ±5%  |
| Ferrule Type   | Zirconia Ceramic   | Compliance            | RoHS compliant  |
| Applications   | Optical Telecommunication Network<br>CATV, LAN, MAN, and WAN application<br>Testing Device Accessory<br>Fiber optical sensor | Environment           | Operating: -20°C to 70°C<br>Storage: -40°C to 85°C<br>Humidity: 95%RH |

### Ordering Information

Part Number: MPOAT -A-B-C-D-E

|       | A  | B                  | C   | D                                |
|-------|--|--------------------|---|----------------------------------|
| MPOAT | FM= Female to Male<br>MM= Male to Male<br>FF= Female to Female | AP= APC<br>UP= UPC | 12= 12 Fiber<br>16= 16 Fiber<br>24= 24 Fiber<br>8 = 8 Fiber | 1=1dB<br>2=2dB<br>...<br>20=20dB |

For Example:

MPOAT-FM-AP-12-2 = MPO Attenuator, Female to Male, APC, 12 Fiber, 2dB