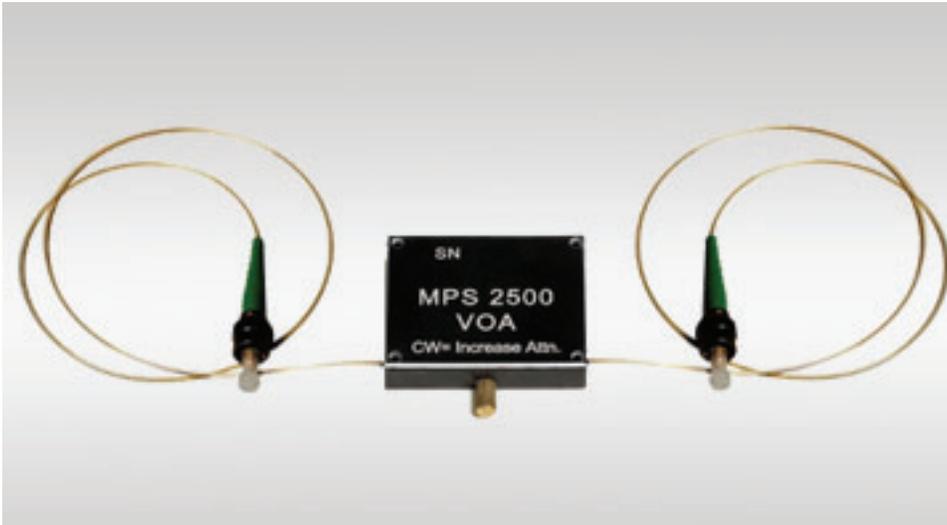


MPS-2500

Singlemode Variable Optical Attenuator (VOA)



Ensures optimum system return loss and attenuation vs. wavelength flatness

The use of the MPS-2500 Singlemode Variable Optical Attenuator (VOA) is critical whenever optical system loss budgets need to be varied to: compensate for wavelength dependant losses, perform bit error rate (BER) testing and enhance optical receiver performance in the presence of high power levels. The MPS-2500 VOA is an adjustable attenuator that offers some great performance features over competing VOA's. Specifically, the MPS-2500 does not utilize any form of air-gap in the optical pathway. This ensures optimum system return loss and attenuation vs. wavelength flatness. Our Variable Optical Attenuator offers multi-wavelength capability to support WDM, CWDM and DWDM network applications with an attenuation range up to 40 dB. The MPS-2500 is made exclusively with Corning fiber and connectors for superior performance. In addition to the standard inset flathead screw, our VOA has a thumbscrew that can be used to adjust attenuation. This makes adjusting the attenuation in a tight spot nearly effortless and reduces the chance of damaging a surrounding component with a screwdriver.

The MPS-2500 Singlemode Variable Optical Attenuator (VOA) is available with 250 μm bare, 900 μm buffered or 3mm jacketed fiber leads and can be supplied with or without connectors. Every assembly meets Telcordia standards, is tested for insertion and return loss, and is supplied with an individual test record sheet. Below is a convenient part number generator or call us for immediate assistance.

Information: Call us toll-free at 888-868-8967 or email info@b2bphotonics.com

Applications

- Telecommunication Systems
- Local Area Networks (LAN)
- CATV Systems
- EDFA Transmission Systems
- Digital, Hybrid and AM - Video
- RF/Analog Antenna Links

Features

- Wide Operating Bandwidth
- Sealed Rugged Construction
- Customer Specified Connectors and Lead Lengths
- Corning Fiber and Corning Connectors Exclusively
- Excellent Environmental Stability
- Flathead and Thumb Screw Adjustable
- Fully Tested and One-Year-Warranty

Microwave Photonic Systems, Inc.

1155 Phoenixville Pike, Unit 106, West Chester, PA 19380, Toll-Free: 888-868-8967

Phone: 610-344-7676, Fax: 610-344-7110, E-mail: info@b2bphotonics.com, Internet: b2bphotonics.com

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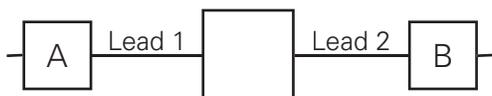
MPS-2500

Singlemode Variable Optical Attenuator (VOA)

Specifications

Operating Wavelength:	1260 nm to 1650 nm
Attenuation Range:	> 40.0 dB
Insertion Loss:	< 0.5 dB
Back Reflection:	> -70 dB
Attenuation Resolution:	0.01 dB to 0.2 dB
Operating Temperature:	-40° C to +85° C
Dimensions:	2" L x 1.625" W x .5" H
Mounting:	4 - .116 diameter thru holes

Part Number Generator



Furcation Diameter

- (B) = 250 um Barefiber
- (L) = 900 um loose tube
- (K) = 2mm cable
- (M) = 2.4mm cable
- (R) = 3mm cable

Cable Length A
(X) Meters

Cable Length B
(X) Meters

Connector A

- 0 = None
- 1 = FC/UPC
- 2 = FC/APC
- 3 = SC/UPC
- 4 = SC/APC
- 5 = LC/UPC
- 6 = Special
- 7 = ST/UPC

Connector B

- 0 = None
- 1 = FC/UPC
- 2 = FC/APC
- 3 = SC/UPC
- 4 = SC/APC
- 5 = LC/UPC
- 6 = Special
- 7 = ST/UPC

