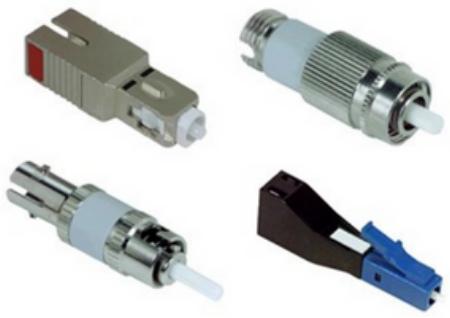
Fixed Attenuators

Fiber Optic Test Equipment



Very cost-effective

Environmentally stable

Excellent stability and repeatability

Polarization insensitive

Ideal Applications:

- Telecommunications system
- CATV & LAN systems
- Test and data equipment
- Passive Optical Networks
- Test areas/labs

Description:

M2 fixed, plug-in attenuators are offered with a complete range of attenuation values in 1dB increments (1-20 dB standard; 21 to 30 dB optional.) These products are doped fiber, low ripple, and environmentally stable for excellent performance. Both multimode and single mode are available with attenuation at the specified wavelengths above. In addition to our standard line of fixed products, variable attenuators are available and can be provided on request.

At M2, our goal is 100% customer satisfaction and we will work closely with your team to meet your requirements. If you have a question or would like pricing, we welcome you to contact your local sales representative to discuss the opportunity.

Specifications

Type	Male/Female / Build Out Type			
Attenuator Values	1- 20 dB Standard; 20-30 dB optional			
Attenuator Tolerance	≤5 dB: ±0.4, 6-14 dB: +7.5%, ≥15 dB: ±1.5 dB			
Return Loss (dB)	SPC	UPC	APC	LC/MU
	≥ 50	≥ 55	≥ 60	≥55
Wavelength	1310 nm / 1550 nm			
Vibration Resistance (dB)	< 0.2			
PDL (dB)	< 0.2			
Repeatability (dB)	< 0.2 (1000 cycles)			
Operating Temperature	-40 °C ~ +75 °C			

M2 Optics, Inc.

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www.m2optics.com

Ordering Information

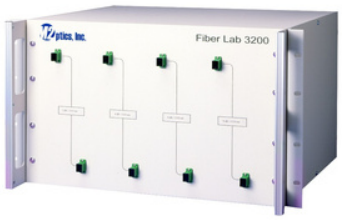
Model	Connector	Ferrule Polish	Optical Fiber	Wavelength	Attenuator Value
□	□	□	□	□	□□
ATF: Fixed, build out, male/female	**F:** FC **S:** SC **T:** ST **L:** LC **M:** MU	**P:** PC U: UPC **A:** APC	**S:** Single Mode **M:** Multi Mode (62.5/125um) **5:** Multi Mode (50/125um)	**D:** 1310/1550nm	**03:** 3 dB **05:** 5 dB **07:** 7 dB **10:** 10 dB **15:** 15 dB **20:** 20 dB **xx:** xx dB

Other Products by M2 Optics

Passive Optical Components
Fixed/Variable Attenuators
Fiber Patch Cords and Pigtails
Couplers and Splitters

Active Test Equipment
Optical Receiver & OMI Instruments
Optical Power Meters
Fiber Identifier

Field Simulation/Fiber Lab Series



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