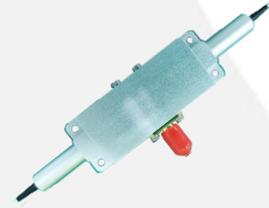


## AM1001



### Fiber Coupled Acousto-Optic Modulator, 120 MHz, 1064 nm, SC10/125 Fiber

The AM1001 is a fiber coupled acousto-optic modulator, 120 MHz, 1064 nm, SC10/125 fiber, It is designed for pulsed fiber laser/amplifier system applications. The AOM is installed in fiber laser cavity, laser pulses can be obtained by modulating the AOM with TTL signal. The frequency of the product is 120 MHz and the RF power is 2 W.

#### FEATURES

- Low Insertion Loss
- Customized Configurations Available
- Compact Package
- Stable and Reliable Performance

#### USE IN

- Fiber Amplifier
- Fiber Laser

Wavelength	1064±5 nm
RF Frequency	120 MHz
Insertion loss	1.2 dB max.
Return Loss	45 dB min.
Extinction Ratio	45 dB min.
Optical Power Handling	3 W max.
RF Power	2 W max.
RF Connector	SMA-F
Fiber Type	SC10/125
Fiber Length	1 m min.
Loose Casing Length	900 μm
Fiber Termination	FC/APC
Cooling	Conduction-cooled
Interaction Material	TeO <sub>2</sub>
Shell Material	Aluminum Alloy 6061
Storage Temperature	-20°C to +70°C
ROHS	Meet ROHS Requirements

MZF Interferometer

MZF Interferometer