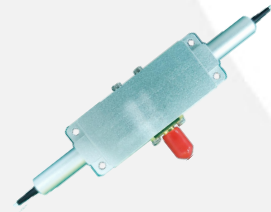


AM1002



Fiber Coupled Acousto-Optic Modulator, 120 MHz, 1064 nm, PM980 Fiber

The AM1002 is a fiber coupled acousto-optic modulator, 120 MHz, 1064 nm, PM980 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 nm
RF Frequency	120 MHz
Insertion loss	1.5 dB max.
Extinction Ratio	45 dB min.
Polarization Extinction Ratio	18 dB min.
Optical Power Handling	3 W max.
RF Power	2 W
RF Connector	SMA-F
Fiber Type	PM980
Fiber Length	1 m min.
Loose Casing Length	900 μm
Fiber Termination	FC/APC
Cooling	Conduction-cooled
Interaction Material	TeO ₂
Shell Material	Aluminum Alloy 6061
Storage Temperature	-20°C to +70°C