



AM1003

Fiber Coupled Acousto-Optic Modulator, 200 MHz, 1064 nm, HI1060 Fiber

The AM1003 is a fiber coupled acousto-optic modulator, 200 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 200 MHz and the RF power is 2.5 W max..

FEATURES

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

USE IN

- Fiber Amplifier
- Fiber Laser

Interaction Material	TeO ₂
Wavelength	1064±5 nm
RF Frequency	200 MHz
Insertion Loss	3 dB max.
Extinction Ratio	45 dB min.
Optical Power Handling	1 W
RF Power	2.5 W
Rise/Fall Time	10 ns
RF Connector	SMA-F
VSWR	1.2:1 max.
Fiber Type	Hi1060
Fiber Length	0.8 m min.
Fiber Termination	FC/APC
Loose Casing Length	70±2 cm
Cooling	Conduction-cooled
Shell Material	Aluminum Alloy 6061
Storage Temperature	-20°C to 70°C