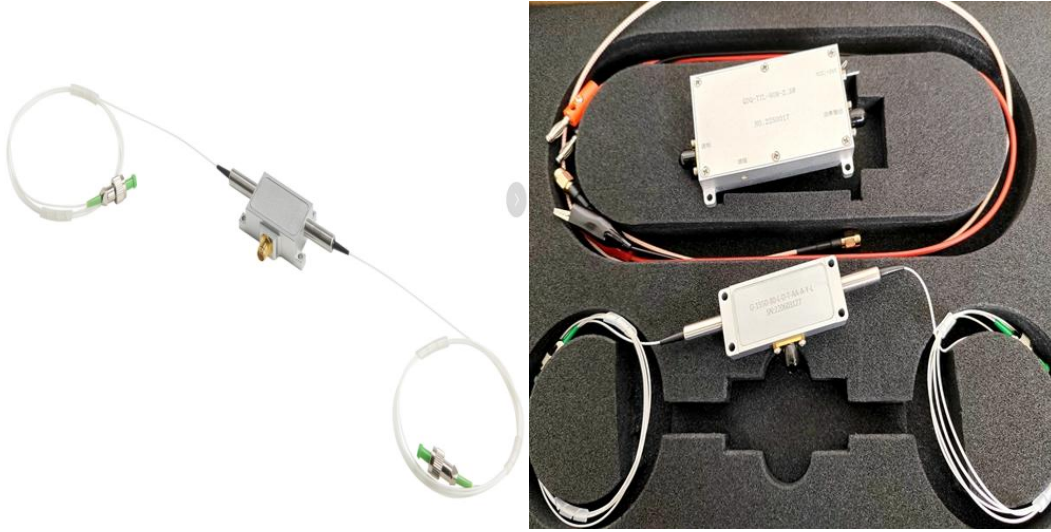


# 1030nm 5W Fiber Coupled Acousto Optic Modulator AOM

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## Key Features:

Low Insertion Loss, Compact, Stable Performance, some of the specifications can be customized according to your requirements.

## General Specifications:

Material: SiO<sub>2</sub>

Wavelength: 1030nm

Average optical power: 5W

Peak (pulse) optical power: 40kW

Ultrasonic sound velocity: 4200m/s

Diffraction efficiency: 75%

Insertion loss: 2dB

Extinction Ratio: 45dB

Return loss: 40dB

Rising time: 8ns

frequency: 80MHz-200MHz

Frequency shift: +/-200MHz

Pulse duration: 20ps

RF power: 2.5W

Voltage standing wave ratio: 1.5:1

input resistance: 50Ω

Device interface: SMA

Operating temperature: -20~+60°C

storage temperature: -30~+70°C