

0303 Acousto-Optic Modulator

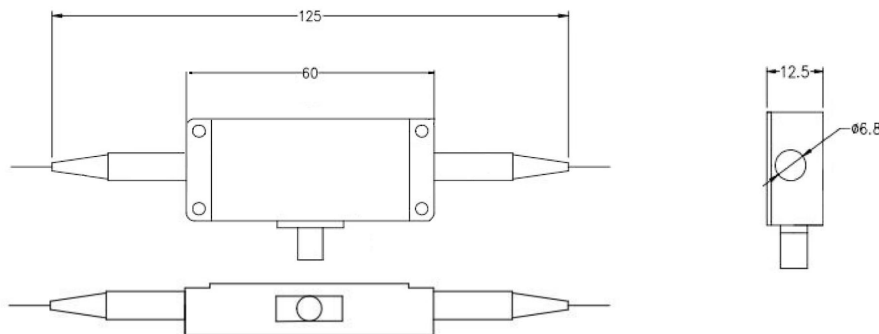
AOM-850-80-PM

Fiber Coupled Acousto-Optic Modulator, 80 MHz, 850 nm, PM780 Fiber

The AOM-850-120-SM is a is a fiber coupled acousto-optic modulator, 80 MHz, 850 nm, PM780 fiber, It is designed for pulsed fiber laser/amplifier system applications.

MECHANICAL DRAWING

Unit: mm



Wavelength	850±30 nm
Average Optical Power	3 W max.
Peak (Pulse) Optical Power	3 kW max.
Ultrasonic Velocity	4200 m/s typ.
Insertion Loss	2.5 dB max.
Extinction Ratio	50 dB min.
Polarization Extinction Ratio	18 dB min.
Return Loss	40 dB min.
Rise Time	45 ns max.
Frequency	80 MHz typ.
Frequency Shift	80 MHz typ. (+/- Optional)
RF Power	1.5 W max.
Voltage Standing Wave Ratio	1.3:1
Input Resistance	50 Ω typ.
Material	TeO ₂
Device Connector	SMA
Operating Temperature	-10°C to +70°C
Storage Temperature	-30°C to +70°C

Order notes to our customers: For special needs, please contact sales.