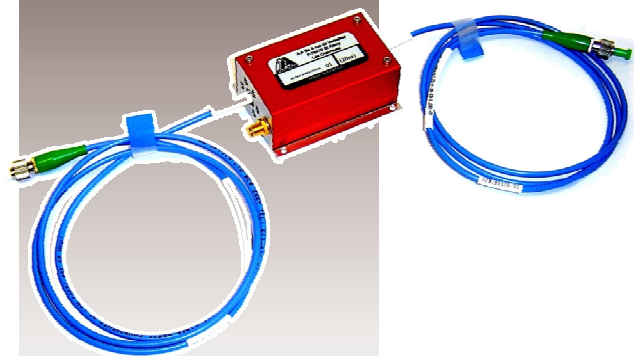


AA.MT.200-R13-FIO.PM

Fiber pigtailed AO



- 630 to 700 nm • Single mode PM Fiber

This fiber pigtailed modulator is a fast modulator dedicated to Red lasers such as 633, 635, 650, 670 nm. Fiber is a single mode fiber with polarization maintaining. This AOM can also be used as a fixed frequency shifter @200 MHz.

Specifications

Material	TeO ₂ [L]
Optical Wavelength range	630 to 700 nm
Input Light polarization	Linear / Random
Output Light polarization	Linear / Random
Polarization dependence losses	< 0.5 dB without PM fiber
AO Light Frequency shift	« +1 » order : + 200 MHz
Total Insertion losses ¹	< 3 dB, Nom 2 dB @635 nm
Rise/Fall time	≤ 13 ns
Extinction ratio	> 55 dB
Fiber type	Single mode, Polarization Maintaining
Fiber connectors	Super FC/PC, FC/APC
Max accepted RF Power	< 1.6 W
Electrical impedance	50 Ohms
VSWR	< 1.2/1
Size	
Operating Temperature	10 to 40 °C

¹ including transmission through the crystal, diffraction efficiency and coupling losses

→ Associated RF driver: AA.MOD.200-2W (60 dB)