

ROF Space acousto-optic modulator

Key Advantage

- 1. Fast response time
- 2. Low insertion loss
- 3. High extinction ratio
- 4. High reliability

Typical Applications

- Industrial laser
- Ultrafast laser
- Fiber optic sensing
- Cold atomic physics



This product series is a spatial type acousto-optic modulator, and the preparation of acousto-optic crystals, development of driving sources, and coupled packaging have all achieved localization. The customizable wavelength range covers the ultraviolet to mid infrared region, with fast response time, high diffraction efficiency, high extinction ratio, and the ability to achieve any polarization state input. The product adopts a compact and sturdy all metal sealed packaging, which has high reliability and temperature stability.

Parameters&Index	
Technical Parameters	Technical Index
Working Wavelength	300nm-10600nm
Operating Frequency	10-1500MHz
Frequency Shift Bandwidth	0-100MHz
Light Aperture	0.1-10mm
Extinction Ratio	≥1000:1