Free-space acousto-optic modulators

Free-space acousto-optic modulation and frequency shifting for laser and sensing experiments.



Representative series photograph. Packaging depends on configuration.

Technical specifications

Wavelength options	400, 633, 780, 850, 1064, 1550 nm
RF operating frequencies	40, 80, 100, 150, 200, 800 MHz
Clear-aperture range	0.1-10 mm; configuration dependent
Frequency-shift bandwidth	0-100 MHz; configuration dependent

Applications

Ultrafast laser systems / Optical sensing / Cold-atom experiments

Selecting your configuration

Select wavelength, aperture, RF centre frequency, polarization and optical power together. RF operating frequency is not the optical modulation bandwidth.

Series options are not guaranteed combinations. Precisometer confirms the specifications, interfaces and availability of your selected configuration in a quotation.

Product page and enquiry | info@precisometer.com