

# FOA1084

## FIBEROPTIC MOUNT FOR AO MODULATION



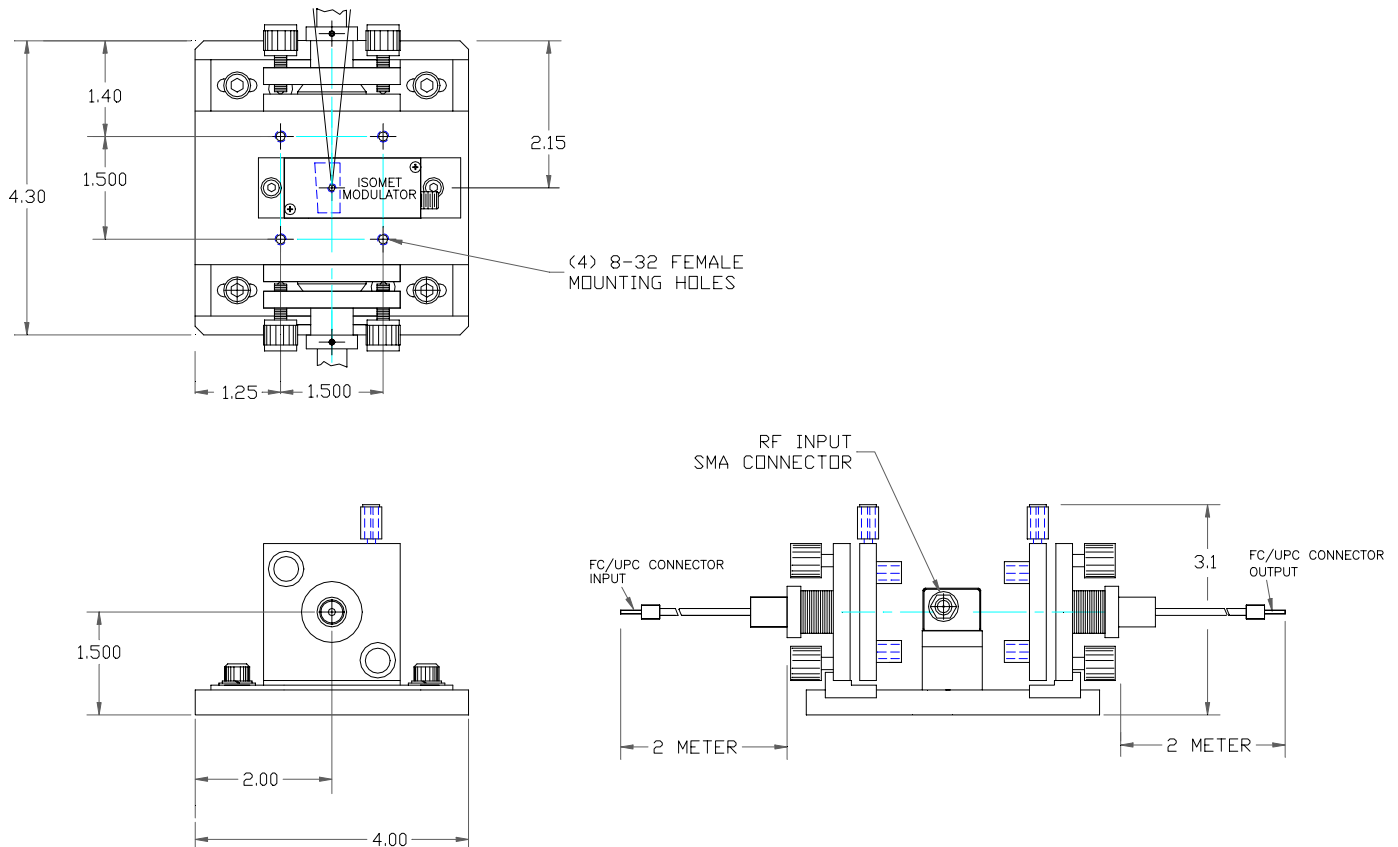
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The FOA1084 provides a flexible mount for fiberoptic coupling of Isomet's range of modulators at visible and NIR wavelengths. The AOM mount is fixed in position. Convenient input and output adjusters are incorporated for Bragg and first-order pickup alignment, which are accomplished easily in a matter of minutes. The initial design (currently available) includes focussing optics for a 1206C modulator (sold separately) operating at 1.55um to produce the following performance:

### Preliminary Specifications

Center Frequency:	110MHz
Risetime:	<40nsec
Insertion Loss:	<5dB
ON/OFF Dynamic Range:	>55dB
Return Loss:	60dB
Connectors:	FC/UPC
F/O cable Lengths:	2 meters

### OUTLINE DRAWING



**ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE**

ISOMET CORP, 5263 Port Royal Rd, Springfield, VA 22151, USA.

Tel: (703) 321 8301 Fax: (703) 321 8546

E-mail: [ISOMET@ISOMET.COM](mailto:ISOMET@ISOMET.COM) Web Page: [WWW.ISOMET.COM](http://WWW.ISOMET.COM)

**Quality Assured.**

**In-house: Crystal Growth,**

**Optical Polishing,**

**A/R coating, Vacuum Bonding**