

AOTF1550-SLS



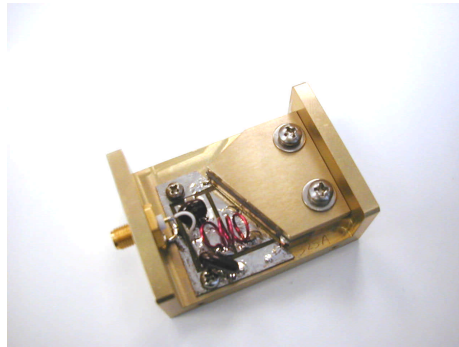
Narrow Bandwidth NIR AO Tuneable Filter (Preliminary Specification)

1106

SOLID STATE

FAST ACCESS TIME

NARROW BANDWIDTH WITH SIDE LOBE SUPPRESSION



Specifications

Aperture	3mm x 3mm
Operating range	1520 – 1575nm
Tuning range (Frequency)	81.5MHz to 84MHz
Spectral resolution	2nm @ 1550nm (FWHM)
Input Polarization	Linear
Diffraction Efficiency	>80% AT 1.55um
RF driver power	1W

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

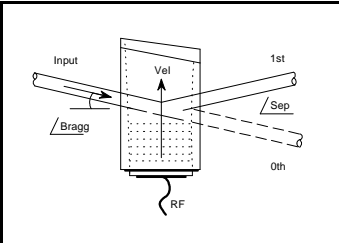
ISOMET CORP, 5263 Port Royal Rd, Springfield, VA 22151, USA.

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

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Quality Assured.

**In-house: Crystal Growth,
Optical Polishing,
A/R coating, Vacuum Bonding**



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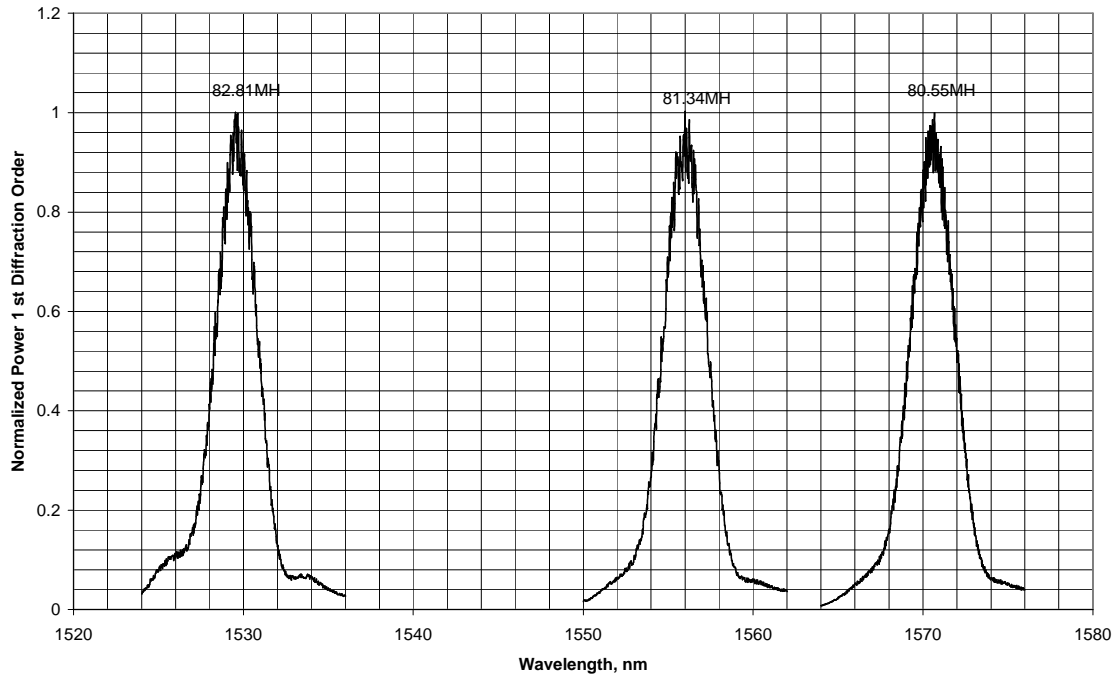


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Measured Response

AOTF 1520nm -1580nm, Sidelobes suppression



Suitable drive electronics

Isomet iDDS-1-SE Frequency Synthesizer
plus
RFA080-4 multi output amplifier with independent amplitude control.

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