

## TF925-550-10-3-GH29A

Device:	AO Tunable Filter with Side-Lobe Reduction
Interaction Medium:	TeO <sub>2</sub> (Anisotropic)
Active Aperture:	3mm
Wavelength Range:	650nm < $\lambda$ < 1200nm
RF Tuning Range:	Refer to Fig 1
Resolution (FWHM):	Refer to Fig 2
Polarisation:	Polarisation sensitive
Incident Polarisation:	Linear – Vertical wrt to base
Polarisation of diffracted order:	Linear – Orthogonal to input
Pointing-Stability of diffracted order:	< $\pm 0.01^\circ$
Field of View:	$\pm 2^\circ$ (refer to fig 3)
Beam Separation:	> $4^\circ$ (refer to fig 4)
RF Input Impedance:	50 $\Omega$
RF Connection:	SMA Female
RF Power:	< 750mW/channel
Maximum RF Power:	2W (16 Channels)
Cooling:	Conduction through base
Housing:	TBD





