

## 500-1030nm Wavelength Tunable Faraday Isolators

**Applications:**

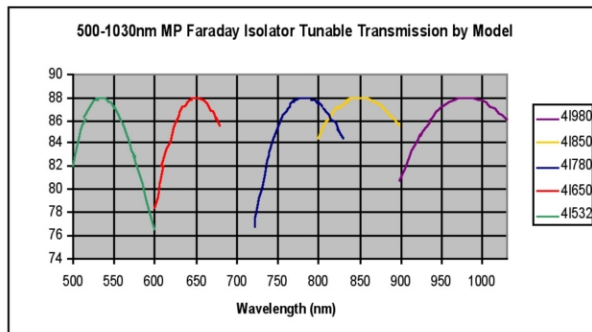
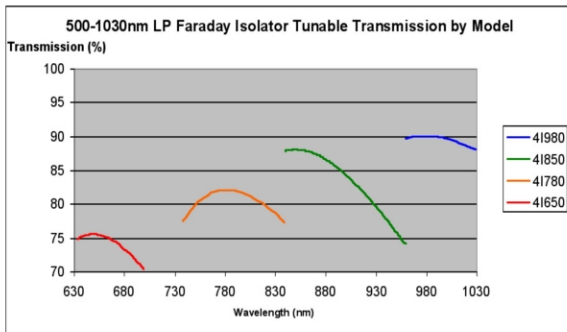
- Eliminate frequency instability in laser diodes due to optical feedback
- Eliminate parasitic oscillations in amplified

**Features:**

- Wavelength tunability allows optimal isolation over a range of wavelengths
- Easy to align isolator for various polarizations



Model No.	Clear Aperture (mm)	Center Wavelength (nm)	Spectral Range (nm)	Isolation in dB at Oper. Temp. of 25°C	Transmission % at Oper. Temp. of 25°C	Polarizer Type	Damage Threshold
4I980-LP	4.0	980	960-1030	30-38	>90	Dichroic Glass	25W/cm <sup>2</sup> cw
4I850-LP	4.0	850	840-960	“	>88	“	“
4I780-LP	4.0	780	720-840	“	>82	“	“
4I650-LP	4.0	650	630-700	30-35	>75	“	“
4I980-MP	4.0	980	900-1030	27-35	>88%	Cemented PBS Cube	1J/cm <sup>2</sup> @10ns
4I850-MP	4.0	850	800-900	“	“	“	“
4I780-MP	4.0	780	720-830	“	“	“	“
4I650-MP	4.0	650	600-680	27-32	“	“	“
4I532-MP	4.0	532	500-600	“	“	“	“



5835 Shugart Lane Traverse City, MI 49684

231/935-4044 800/697-6782 FAX: 231-935-4046  
email: sales@eotech.com Internet: www.eotech.com