

# Fiber Fabry-Perot Tunable Filter

## CUSTOM AND OEM

Custom and OEM filters are available upon request.

Center wavelength	from 500 to 2500 nm
Finesse (at center wavelength)	from 1 000 to 100 000
Free Spectral Range	from 150 GHz to 30 THz
Tuning voltage (depending on tuning rate)	from +/- 10 to +/-180 V

## STANDARD PERFORMANCE

Optical			
Wavelength range	1460 - 1660 nm		
Finesse (at center wavelength)	30 000		
Free Spectral Range	15 THz	1.5 THz	300 GHz
Filter bandwidth	500 MHz	50 MHz	10 MHz
Maximum input power	2 mW		

Electrical	
Tuning voltage / FSR	< +/-180 V
Maximum tuning rate / FSR	10 kHz
Maximum tuning voltage	+/- 320 V
Capacitance	< 10 nF

Mechanical and environmental	
Dimension	10 x 4 x 3 cm
Weight	160 g
Fibers	monomode with FC/APC connectors
Operating temperature	5 to 35 °C
Storage temperature	-10 to 60°C

## ORDER TODAY

Need more information?

Quote, technical note, test unit, simulation, external size drawings, 3D files or any other requests, we have more information to share.

Contact us for one-to-one guidance and technical support.