



# Mode-Hop-Free Tunable Laser Module

## Main Features:

Mode-Hop-Free  
High Output Power  
High Power Stability  
Long coherent Length  
Narrow Linewidth  
Small Size  
Low Cost

## Dimensions:

Diameter = 25.4mm  
Length = 115mm

## Applications:

Interferometry  
Holography  
Metrology  
Spectroscopy



## Specifications

Wavelength tuning range:	655nm to 665nm
Wavelength tuning resolution:	10pm
Absolute wavelength accuracy:	$<\pm 10\text{pm}$
Wavelength repeatability:	$<\pm 5\text{pm}$
Output power:	$>25\text{mW}$
Spectrum linewidth:	$<10\text{MHz}$
Coherent length:	$>5\text{m}$
Tuning speed:	$>1\text{nm/s}$
Settling time per tuning:	$<0.1\text{s}$
Control:	manual dial, analog input voltage and RS-232
Power supply voltage:	5V
Maximum power supply current:	3A
Environmental operating temperature:	10°C to 35°C
Environmental relative humidity:	$<80\%$
Case operating temperature:	0°C to 65°C
<b>Contact us for more information:</b>	<a href="mailto:laserinfo@analogtechnologies.com">laserinfo@analogtechnologies.com</a>