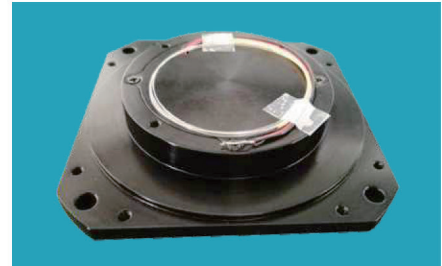


Ase Module

Product Application

- FOG system
- Optical coherence tomography
- Fiber optic sensor system
- Optical communication system

Product Picture



Product Features

- High power output
- Good wavelength stability
- Unpolarized radiation
- UV immunity
- Long service life

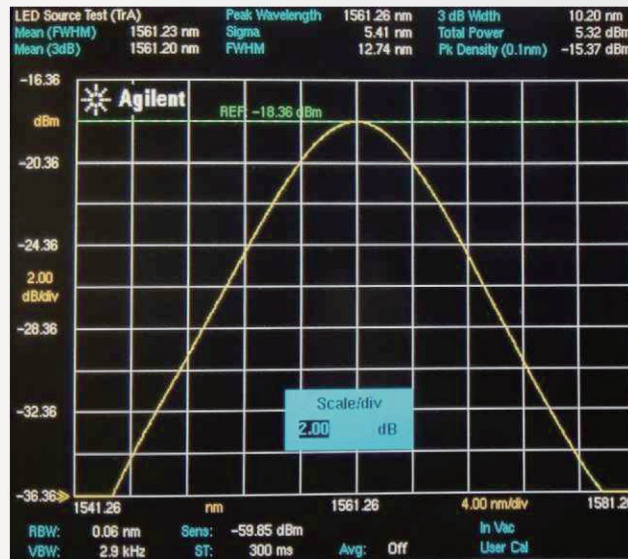
Product Indicators (T=+25°C)

Performance Parameter	Unit	Technical Indicators		Remarks
Average Wavelength	nm	1560±2	1530±2	
Average Wavelength Stability	ppm	≤100	≤30	-40°C~+70°C
Spectral Waveform	/	Gaussian		
Half-value Spectral Width	nm	≥10	6~7	
Spectral Modulation Depth (ripple)	dB	≤0.1		
Fiber Output Power	mW	5.5~7.0	10	
Stability Of Fiber Output Power At Room Temperature (25°C)	/	≤1%		
Stability Of Fiber Output Power At Full Temperature Range	/	≤20%	≤3%	-40°C~+70°C
Degree Of Fiber Output Polarization	dB	<0.2		
Pigtail Type	/	Φ80 small mode field diameter fiber(6.5±0.5um)@1550nm	SMF	
Pigtail Length	m	≥1.2		
Length Of Pigtail Sheath	mm	60-100		
Dimensions	mm	According to gyroscope size		
Operation Temperature Range	°C	-40~+70		
Storage Temperature Range	°C	-40~+70		
Humidity Range	/	5%~98%		

Absolute Maximum Rated Parameter (t=+25°C)

Technical Indicators	Unit	Min	Max
Operation Voltage	V	3.0	5.0
Operation Temperature Range	°C	-40	+70
Storage Temperature Range	°C	-40	+70

Spectral Curve (1560nm)



Spectral Ripple (1560nm)

