PC控制可调谐激光模块

TLS1006C, TLS1006L 和 TLS1006CL 可调谐激光光源模块主要应用于高精密波分复用DWDM元件, 光波导光栅阵列AWG元件, 平面光波导PLC元件, 光放大器EDFA和其它通用的光纤光学的测量，尤其适用于光纤光栅传感器的快速扫描测试。性能高超，经济实用。

TLS1006C, TLS1006L 和TLS1006CL可调谐激光模块都可通过USB线缆与电脑连接，使用PC控制软件进行通讯，形成一个具有精度高，功率大、尺寸小巧、启动快速和价格实惠的可调谐激光光源测量系统。我们可提供C 波段, L波段, 或 C+L波段的TLS1006可调谐激光光源模块供选择，同时，这些模块可以通过RS232接口控制和BNC输出触发端口集成到客户的产品系统中。

Specifications

Model	TLS1006C	TLS1006L	TLS1006CL
Wavelength range	1528.00 to 1568.00 nm	1566.00 to 1610.00 nm	1525.00 to 1610.00 nm
Output Power	>= 13 dBm	>= 8 dBm	>= 7 dBm
Wavelength resolution	1.0 pm		
Absolute wavelength accuracy	+/- 5 pm, tpy. < 5 pm		
Relative wavelength accuracy	+/- 2 pm, Typ. +/- 2 pm		
Wavelength repeatability	+/- 2 pm, typ. +/- 1 pm		
Wavelength stability	<= +/- 2 pm		
Tuning speed	<= 2 ms per step (恒温 24 小时环境 24 hrs at constant temperature)		
Power stability	+/- 0.05 dB, 1 hour. Typ., +/- 0.1 dB, 24 hours.		
Power repeatability	+/- 0.05 dB		
Power linearity	+/- 0.3 dB		
Power Over wavelength Ripple	0.3 dB typ., 0.5 dB max.		
Side-mode Suppression ratio	>= 45 dB		
Linewidth (FWHM)	1 MHz		
Output optical interface	PM, FC/PC connector		
Interface	RS232 or USB		
Output trig port	BNC trig		
Power	3.3 V; 3 A		
Dimensions	40 mm H, 150 mm W, 170 mm D		
Weight	0.5 kg		

Features:

1. High Wavelength Resolution
2. High Power Output
3. Fast Start-up
4. High Wavelength Accuracy
5. Easy to be integrated into customers' system

Application:

1. •CWDM,DWDM, Filter, Components, Module Testing
2. OPM, Interleaver, DPSK, WSS, PLC, AWG testing
3. Fiber Grating Sensors Testing
4. Fiber Optic Test Equipments Inspection and Testing
5. Laser Sweep Optical Spectrum Analyze
6. Passive components light path adjustment monitor

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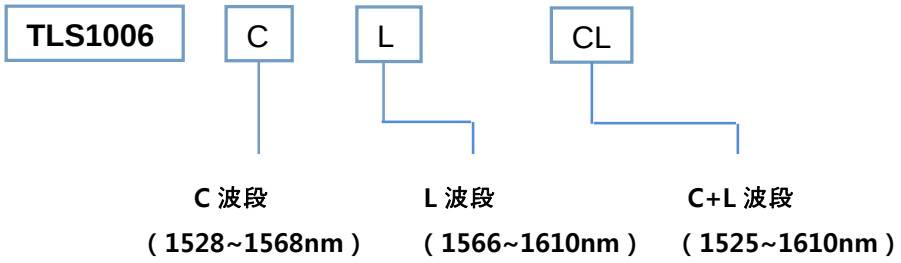
Package Options

Ordering Information



* 部分波长范围也可根据客户需求选择订购

This component does not comply with the Federal Regulations (21 CFR Subchapter1) as administered by the Center for Devices and Radiological health. Purchaser acknowledges that his/her products must comply with these regulations before they can be sold to a customer. The output light from this product is harmful to a human body even if it is invisible. Avoid looking at the output of this product directly, or through a lens during operation. Observance of operation should be through a TV camera or related equipment. Refer to IEC 825-1 and 21 CFR 1040.10-1040.11 as a radiation safety standard for laser products.
Fiblaser follows a policy of continuous product improvement. Specifications are subject to change without notice.

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