

FLS1200台式多通道光源

FLS1200 More Channels Laser Source

产品规格

Specification



Revision History

Rev.	Date	Revision History	Originated by	Signed by
1.0	20/08/2019	Initial release	Chen Xin	XiaoWei Lai
1.1	2/12/2021	Initial release	He anxiang	He anxiang

概述 Descriptions

FLS1200 台式多通道激光光源可用于波分复用（WDM）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）和通常的光纤光学的测量和应用，性能高超，经济实用。

The FLS1200 More Channels Laser Source offers superior performance for the test of WDM, WDM components, AWG & PLC components, optical amplifiers, and other general purpose of fiber optical test and measurement applications. It is special design for volume production line application.

FLS1200光源模块可提供两个或四个通道、多个的固定波长的光源输出信号，OpeakTech 公司也可以按照客户需求，定制任意两个或四个波长组合的光源模块，目前可选择的光源波长为850，980，1250，1270，1290，1310，1330，1350，1370，1390，1410，1450，1470，1490，1510，1530，1550，1570，1590，1610，1625nm。

The FLS1200 DFB laser source is a High Performance, Small Dimension, Fast Startup, Affordable Optical Laser Source. It provides two channels or four channels high performance, fix wavelength laser output. OpeakTech also can provide any two channels or four channels of 850, 980, 1250, 1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610, 1625 nm wavelength laser outputper customer's request.



2CH台式光源



8CH台式光源

特点 Features

- ◆ 性能高超 High performance
- ◆ 启动快速 Quick startup
- ◆ 可定制不同波长的光源输出信号
- ◆ Any Two Channels or Four Channels difference wavelength selectable
- ◆ 体积小巧、价格实惠 Small dimension Affordable price

应用 Applications

- ❖ WDM, AWG, PLC器件差损, 回损检测
- ❖ WDM, AWG, PLC components Insertion Loss, Return Loss test
- ❖ 光纤传感器, 光纤电缆测量检测 Fiber Sensor, Fiber Cable test
- ❖ 偏振模式色散 (PMD) 和偏振差损 (PDL) 测量 PMD and PDL measurement
- ❖ 光纤光学, 通讯光学的实验室研发测量应用 Fiber Optical, Telcom R & D lab test

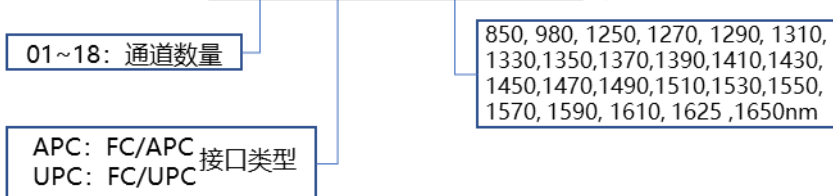


性能指标 Specification

产品型号 Model #	FLS1200 双通道 Double	FLS1200 四通道 four channels
工作波长 Operating Wavelength	1310 / 1550 nm	1270 / 1310 / 1490 / 1550 nm
可选波长 Option Wavelength	850, 980, 1250, 1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610, 1625, 1650nm	
波长精度 Wavelength Accuracy	+/- 2nm	
输出功率 Output Power	≥ 2.0 mW OR ≥ 10.0 mW	
光输出接口 Optical Interface Type	FC/APC (可定制其它类型的适配器)	
波段带宽@ -20dB	< 0.5 nm	
输出功率稳定性 (15 分钟) Power stability within 15mins	<= +/- 0.01 dB	
输出功率稳定性 (1小时) Power stability within 1hrs	<= +/- 0.03 dB	
边模抑制比 (dB) Side-mode Suppression Ratio	> 35 dB	
储存温度 Storage Temperature	-10 ~ +80°C	
工作温度 Operating Temperature	0°C ~ +45°C	
外形尺寸 Dimension	280 mm D, 90 mm H, 450 mm L	

订购信息 Order information

FLS1200-XX-XX- (波长信息)



说明: 波长信息需要核实以下几点 ①波长, ②单模/多模 (50/125um,62.5/125um), ③输出功率 (0.3mw, 2mw, 10mw, 20mw, 30mw等), ④波长精度 ($\pm 0.2\text{nm}$, $\pm 1\text{nm}$, $\pm 2\text{nm}$, $\pm 3\text{nm}$ 等), ⑤激光器类型 (DFB,LED,FP,VSCSEL)

举例: FLS1200-0210APC(1310 单模 2mw $\pm 3\text{nm}$ & 1470 单模 2mw $\pm 3\text{nm}$), 表示配置两个通道, 波长为1310nm和1470nm, 单模, 输出功率2mw, 接口类型FC/APC, 波长精度 $\pm 3\text{nm}$;

FLS1200-0210APC(1550 单模 10mw $\pm 2\text{nm}$ DFB & 1610 单模 10mw $\pm 2\text{nm}$ DFB), 表示配置2个通道, 波长1550nm和1610nm, 单模, 输出功率10mw, 接口类型FC/APC, 波长精度 $\pm 2\text{nm}$, 激光器类型DFB

技术支持和服务

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with our decade experiences, and provide the basic measurement assistance for the use of special capabilities.

联系信息 Contact Information

SHENZHEN OPEAK TECHNOLOGY CO.,LTD

Add: Room 1816, Block A, Songhuli R&D Base, No. 6, Keji 2 Road, Songshan Lake Park, Dongguan City, Guangdong Province

Tel:0769-22231952

E-mail: sales@opeaktech.com

<http://www.opeaktech.com>

深圳市优峰通信技术有限公司

地址：广东省东莞市松山湖园区科技2路6号松湖里研发基地A座1816室

电话：0769-22231952

邮箱：sales@opeaktech.com

<http://www.opeaktech.com>