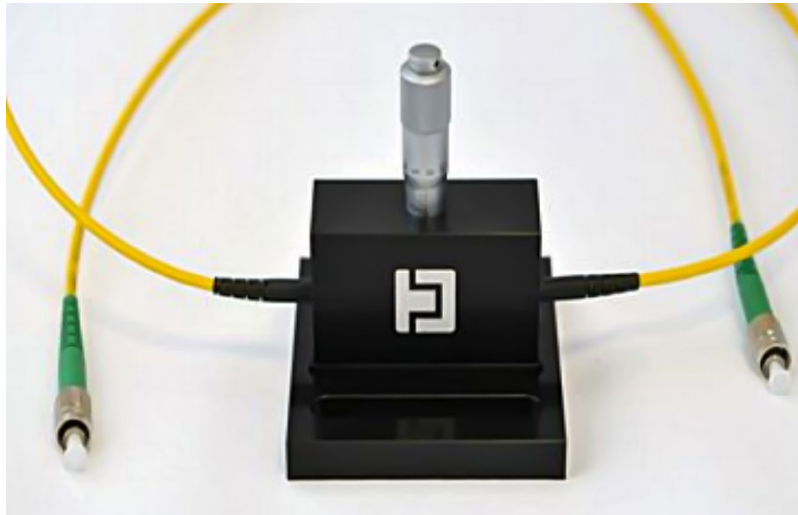


1550nm可调谐光纤光栅滤波器(1545-1560nm)



产品描述:

这款手动可调谐光纤光栅滤波器用于手动调整1550nm区域内的中心波长（C波段）。最大可调谐范围大于15nm。该滤波器是基于FBG光纤光栅的压缩来实现的，通过手动调节千分尺旋钮，可以对FBG进行压缩或拉伸。调谐分辨率可达70pm。

产品特点:

- ☀ 手动可调
- ☀ 调谐范围 > 15nm
- ☀ 可根据客户要求在C区（1520-1570 nm）选择中心波长
- ☀ 光谱宽度（FWHM）0.2至0.5 nm，可定制
- ☀ 调谐分辨率 70pm

产品应用:

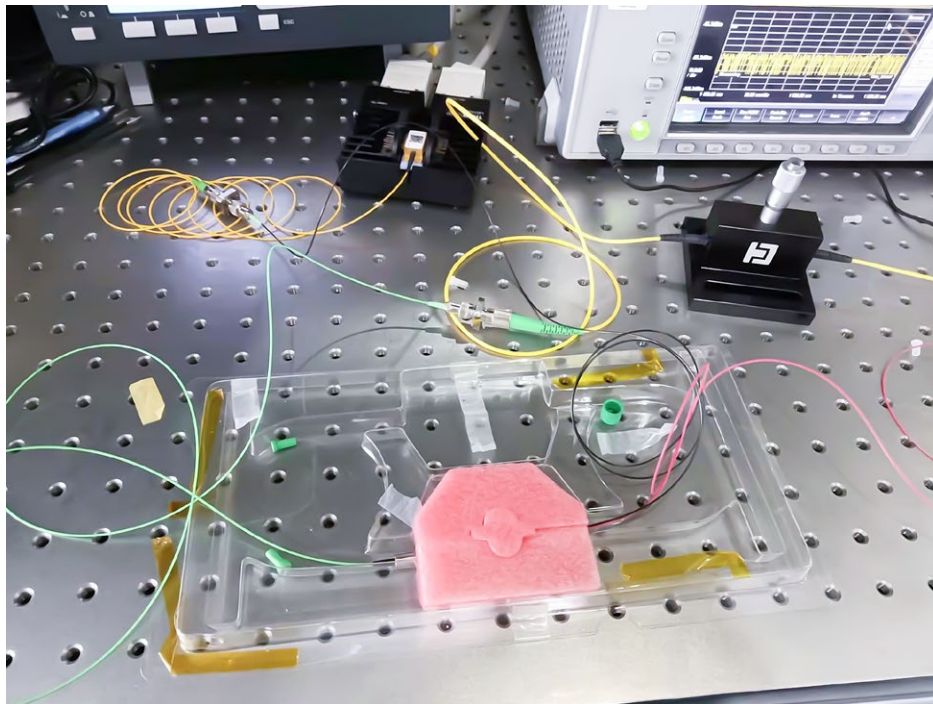
- ☀ 从宽带光源中选择波长
- ☀ 噪声抑制，例如，用于在具有可调波长的EDFA放大器和传输系统中
- ☀ xWDM系统中的电信信道选择
- ☀ 实验室测试和科学实验



产品参数:

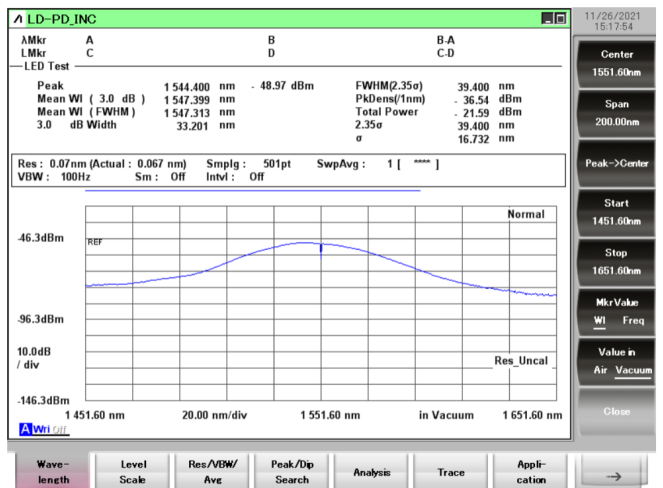
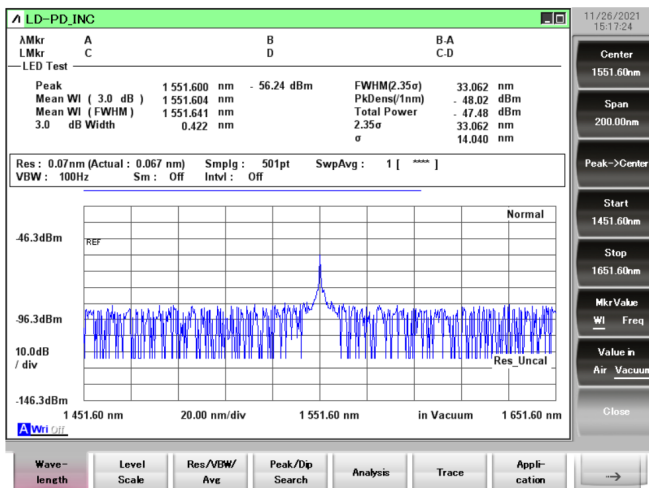
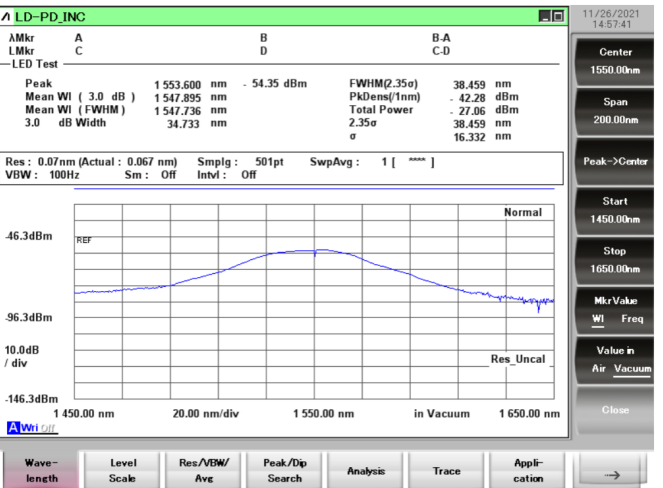
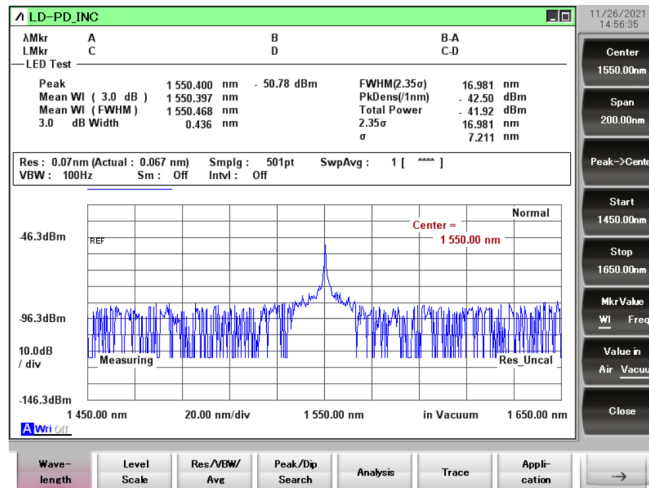
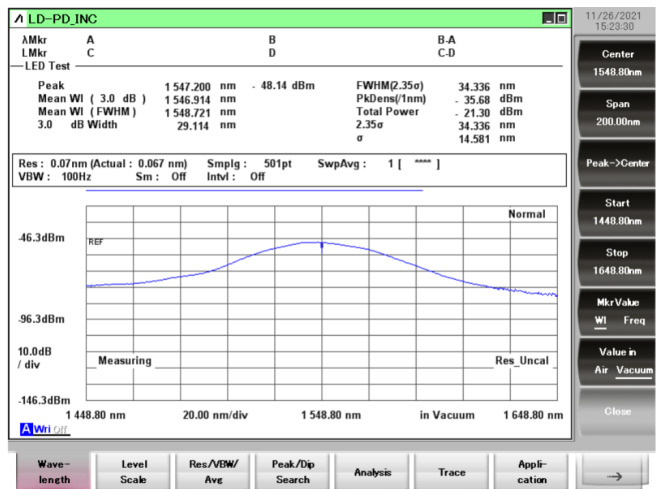
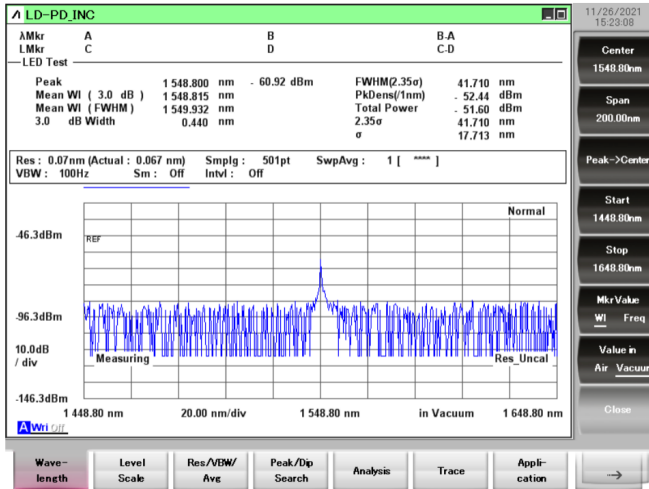
参数	数值
调谐范围	> 15 nm
中心波长	在C波段中可选
FWHM	Optional 0.2 – 0.5 nm (± 0.05 nm)
反射率	5 – 90 % (± 5 %)
插入损耗	3.5 dB*
可调谐分辨率	70pm
PDL	< 0.5 dB
最大光输入功率	> 500 mW
工作温度范围	10 - 40 ° C
光纤类型	SMF G.657.A2
光纤长度	0.5 or 1 m

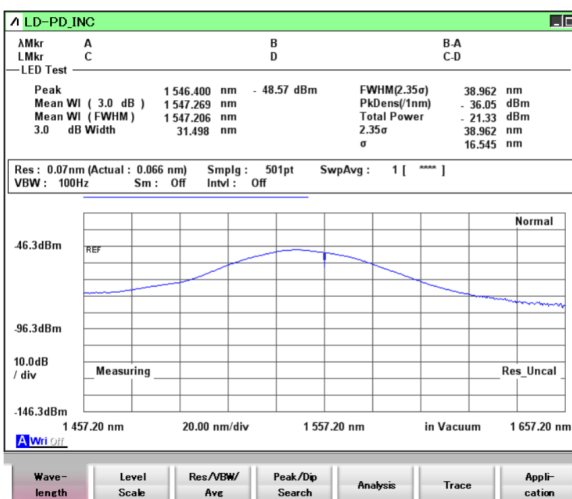
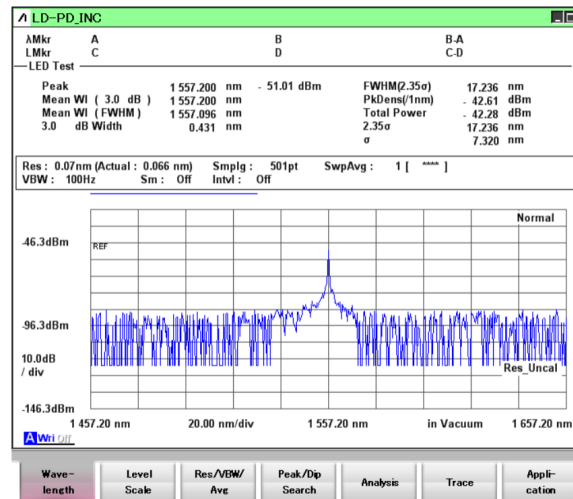
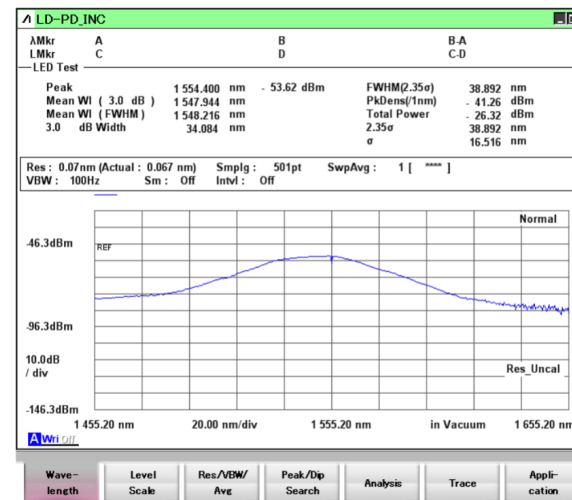
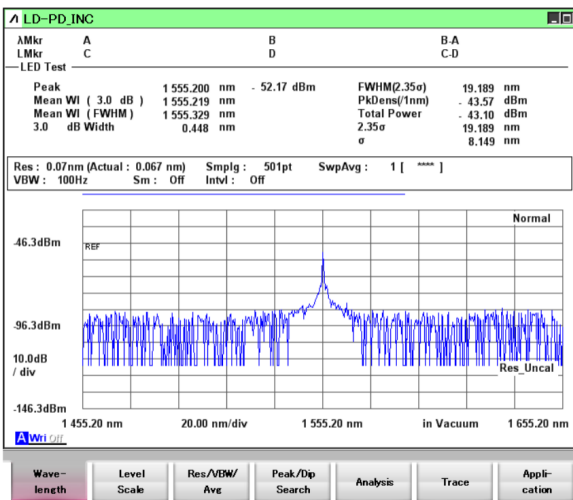
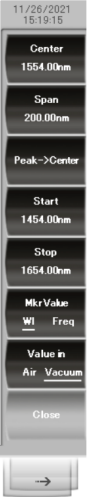
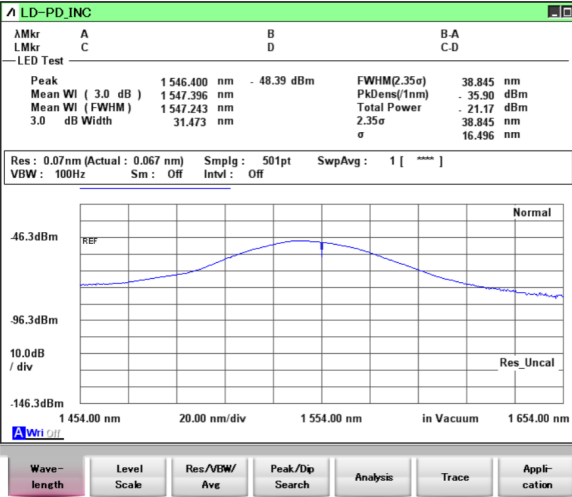
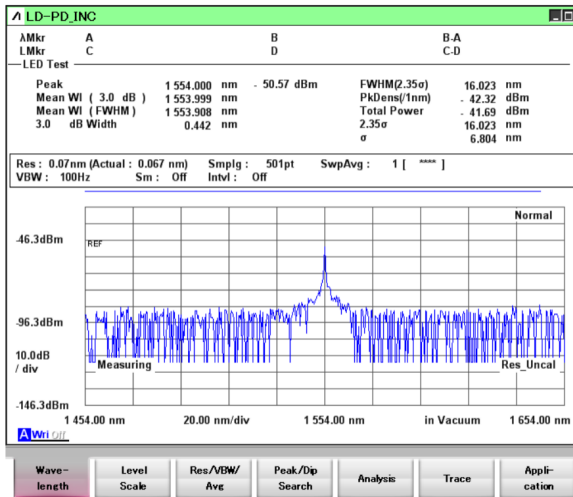
实验测试:



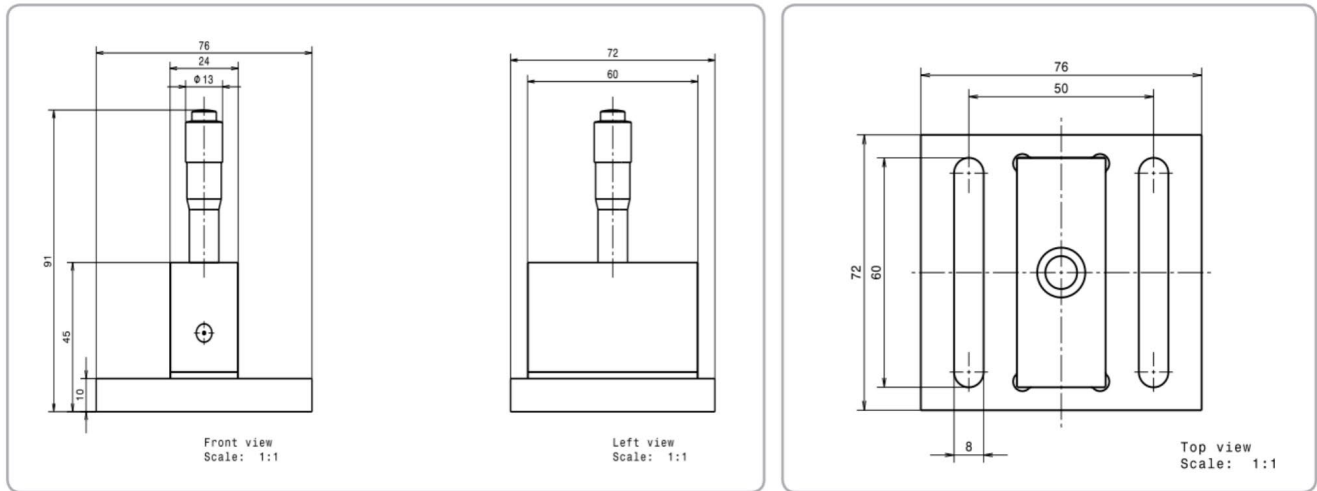


测试结果:





尺寸信息:



订购信息:

TOF1 - 1550 - 20 - X - X - X - X

Tuning range

- | | |
|---|----------------|
| 1 | 1520 – 1540 nm |
| 2 | 1530 – 1550 nm |
| 3 | 1540 – 1560 nm |
| 4 | 1550 – 1570 nm |

FWHM

- | | |
|---|--------|
| 1 | 0.2 nm |
| 2 | 0.3 nm |
| 3 | 0.4 nm |
| 4 | 0.5 nm |

Reflectivity

- | | |
|---|-----------------------------|
| 1 | 50 % |
| 2 | 5 – 90 % (customer defined) |

Connector type

- | | | | |
|---|--------|---|--------------|
| 1 | FC/PC | 4 | LC/PC |
| 2 | FC/APC | 5 | LC/APC |
| 3 | SC/PC | 6 | No connector |
| 4 | SC/APC | | |