



FLS-22

Dual Wavelength Laser Source

The FLS-22 series are a new member to FibreOptica's laser source family. FLS-22 series offers excellent stable output for accurate fiber optic testing. Its single output port provides stable laser power at dual wavelength and as an option the output power is adjustable. Together with FibreOptica's optical power meter products, the user can easily and accurately measure optical attenuation during optical fiber installation. It is suitable for various fiber types such as G.652 and G.657

Specifications*

Model	FLS-22	FLS-22F
Output wavelength	1310nm & 1550nm	
Fiber Type	9/125µm	
Connector type	Interchangeable FC/UPC, SC/UPC and ST/UPC	
Emitter Type	Laser Diode	
Output stability	Short Term (15 minutes): <0.05dB Long Term (8 Hours or above): <0.1dB	
Central Wavelength	1310±20nm & 1550±20nm	
Spectral Width	3nm	
Output Frequency	270Hz, 1KHz, 2KHz	
Output Power**	-5dBm	-5dBm
Adjustable Range	±3dB	N/A
Adjustable Step	0.1dB/step	N/A
Operating Temp.	-10 ~ +55°C	
Storage Temp.	-20 ~ +70°C	
Relative Humidity	0 to 95% (non-condensing)	
Power supply	2pcs Ni-MH AA	
Battery Indicator	Yes	
Battery Life	> 20 hours (continuous use)	
Dimension (mm)	160(L) x 76(W) x 45(H)	
Net Weight	270g	

* Time for re-calibrated: ≥ 3 years

** Customized output power is available upon request. Check with agent for availability.

Note: Specifications subject to change without notice

Key Features

- Adjustable output power
- Easy-to-use interface with large display for easy visibility.
- Cost efficient palm size tester designed for field and lab testing.
- Operates in either continuous wave (CW) mode or modulated mode.
- Field changeable connectors
- Battery capacity indicator gives warning when power is low
- Back-light
- Auto Power-off

Standard Package

- FC, SC or ST connectors
- Rechargeable Battery
- AC/DC Power Adapter
- Operating Manual
- Soft carrying case
- Silicon boot anti slippery
- Dust cap

Related Products

- FLS-20E series
- FLS-20 series
- FLS-22id series
- FLS-30 series
- FLS-30id series
- FLS-40 series
- FLS-40id series

Options

Part Number	Descriptions
MFA-FCLC	FC (Male) to LC (Female) Adapter
MFA-SCLC	SC (Male) to LC (Female) Adapter
MFA-STLC	ST (Male) to LC (Female) Adapter
Other types of connectors	Check for availability
Hard-case	Aluminum case

Order Information

FLS-22X X – F (Fixed Output)
None (Adjustable Output)