

## FHS2 Series Laser Source

### Description

We provide high precision laser source. The FHS2 series laser source offers excellent stability and portability for accurate fiber optic testing.

Dual-wavelength, triple-wavelength and quad-wavelength laser sources are available. If user tests a fiber with both FHS2 series laser source and FHP2 series power meter, the TWIN function can be booted. With this function, the power meter can automatically detect the wavelength FHS2 series laser source launched.

### Features

- Both single mode and multiple mode laser are available
- Single output interface
- Durable and portable
- Auto power-off function
- TWIN function is available
- Integrated with continuous wave output function, 270Hz, 1kHz and 2kHz are available



Part Number	Description
FHS2D02	optical laser source, 1310/1550nm, FC/PC connector, -8~-2dBm

### Specification

FHS2D series laser source		
	FHS2D02	FHS2D02F
Output wavelength(nm)	1310&1550	
Emitter type	LD	
Output stability	Short term(15min):< ±0.05dB@1310,1550nm;±0.1dB@850&1300 Long term(8hours):< ±0.1dB@1310,1550nm±0.2dB@850&1300	
Central wavelength	1310±20nm&1550±20nm	
Spectral width	5nm	
Output frequency(Hz)	270.1k.2k	
Output power	-5dBm	
Adjustable range	±3dB,0.1dB/step	N/A
Auto power-off	Yes	
Back-light	Yes	
Operating temperature	-10to+50°C	
Storage temperature	-20to+70°C	
Power supply	2pcs*Ni-MHAA(2500mAh)	
Dimension(mm)	160L*76W*45H	
Net weight	270g	

#### Standard accessories

FC/PC adapter, SC/PC adapter, 3\*ceramic sleeves, 2\*AA rechargeable batteries, AC/DC charger, carrying bag, user manual, test report

#### Optional Accessories:

ST adapter (model: N000500);Male FC to female LC adapter for LC connector (model: HD078)

#### Customization:

APC laser launcher



Part Number	Description
FHS2D02F	optical laser source, 1310/1550nm, FC/PC connector, -5dBm, fixed output power

Part Number	Description
FHS2D03	optical laser source, 850/1300nm, FC/PC connector, -8~-2dBm

Part Number	Description
FHS2D03F	optical laser source, 850/1300nm, FC/PC connector, -5dBm, fixed output power

### Specification

#### FHS2Q series laser source

	FHS2Q01F	FHS2Q02F
Output Wavelength(nm)	850/1300/1310/1550	1310/1490/1550/1625
Emitter Type	LD	
Output Stability	Short Term(15min): <±0.05dB@1310,1550nm: ±0.1dB@850&1300 Long Term(8 Hours): <±0.1dB@1310,1550nm): ±0.2dB@850&1300	Short Term(15minutes): <±0.05dB@1310,1550nm: ±0.1dB@1490,1625nm Long Term(5 Hours or above): <±0.1dB@1310,1550nm): ±0.2dB@1490,1625nm
Central Wavelength	±20nm	
Spectral Width	5nm	
Output Frequency	270,1K,2K	
Output Power	-5dBm	
Auto Power-off	Yes	
Back-light	Yes	
Operating Temperature	-10 to +50°C	
Storage Temperature	-20 to +70°C	
Power Supply	2pcs*Ni-MH AA(2500mAh)	
Dimension(mm)	160L*76w*45h	
Net Weight	270g	

#### Standard accessories

2\*FC/PC adapters, 2\*SC/PC adapters, 3\*ceramic sleeves, 2\*AA rechargeable batteries, AC/DC charger, carrying bag, user manual, test report

#### Optional accessories

2\*ST adapters (model: N000500);  
Male FC to female LC adapter for LC connector (model: HD078)

#### Customization:

APC laser launcher

#### FHS2T series laser source

	FHS2T01	FHS2T01F
Output Wavelength(nm)	1310/1490/1550	
Emitter Type	LD	
Output Stability	1310nm&1550nm:	Short Term(15minutes):<0.05dB Long Term(5Hours or above):<0.1dB
	1490nm:	Short Term(15minutes):<0.1dB Long Term(5Hours or above):<0.2dB
Central Wavelength	1310±20nm/1490±20nm/1550±20nm	
Spectral Width	5nm	
Output Frequency(Hz)	270,1k,2k	
Output Power	-5dBm	
Adjustable Range	±3dB,0.1dB/step	N/A
Auto Power-Off	Yes	
Back-light	Yes	
Operating Temperature	-10to+50°C	
Storage Temperature	-20to+70°C	
Power supply	2pcs*Ni-MH AA;6V AC/DC Adaptor	
Dimension(mm)	160L*76W*45H	
Net Weight	260g	

#### Standard accessories

FC/PC adapter, SC/PC adapter, 3\*ceramic sleeves, 2\*AA rechargeable batteries, AC/DC charger, carrying bag, user manual, test report

#### Optional accessories

ST adapter (model: N000500);  
Male FC to female LC adapter for LC connector (model: HD078)

#### Customization:

APC laser launcher



**Part Number** FHS2Q01F **Description** Optical laser source, 850/1300/1310/1550, FC/PC connector, -5dBm



**Part Number** FHS2Q02F **Description** Optical laser source, 1310/1490/1550/1625nm, FC/PC connector, -5dBm



**Part Number** FHS2T01 **Description** Optical laser source, 1310/1490/1550nm, FC/PC connector, -8~-2dBm



**Part Number** FHS2T01F **Description** Optical laser source, 1310/1490/1550nm, FC/PC connector, -8~-2dBm