

Overview

FHS2Q01F is a four-wavelength laser source that offers excellent stability and portability for fiber optic testing. Technicians can test both single mode and multi mode fibers with one handy device. FHS2Q01F is excellent at fiber installation and maintenance work.

Main functions and features

FHS2Q01F sends 1310nm or 1550nm wavelength for single mode fiber testing and 850nm or 1300nm for multi mode fiber testing. Both modes have their dedicated outputs which can be controlled independently. Output level is fixed -5dBm for both outputs.

Light can be either continuous wave (CW) mode or modulated mode, with modulation frequencies of 270Hz, 1kHz or 2kHz. Modulations can be used for fiber identification.

FHS2Q01F can also transmit digital wavelength identification signal, enabling e.g. the FHP2-series power meter to automatically use the correct calibration parameters. This feature reduces need for communication between the two technicians and decreases potential errors.



Technical specifications

Output wavelengths (nm)	850 / 1300 / 1310 / 1550 nm
Laser class	Class I
Spectral width	3nm (typical)
Stability (15min output ON)	±0,005dB/15min and ±0,01dB/5h
Output level	-5dBm ±1dB
Modulation frequencies	270Hz 1kHz, 2kHz
Output connectors	FC/PC, SC/PC with adapter
Power supply	2kpl AA-sized NiMH batteries
Mains adapter	Input 100-240Vac 50/60Hz, output 6Vdc/1A
Operating temperature	-10°C~+50°C
Storage temperature	-20°C~+70°C
Humidity	<90% (Non-condensing)
Dimensions and weight	160 x 76 x 45mm, 270g with batteries

FHS2Q01F basic setup

- FHS2Q01F laser source with FC/PC connector adapters (2 pcs)
- User manual
- 230Vac/6Vdc power adapter
- Carrying bag
- User manual

Sales: