



Thermo FBG is a high-accurate optical filter based on temperature controlled Fiber Bragg Grating (FBG). Thanks to precise electronic control it could be also used as wavelength reference with absolute accuracy of ± 1 pm. Central wavelength and other optical parameters are given by used FBG. You can choose the FBGs at <http://sfo.nwg.cz>

OPTICAL PROPERTIES	
Tunable range	400 pm
Central wavelength	Depending on used FBG
Wavelength band	S, C or L
Tuning resolution	0.1 pm
Absolute accuracy *)	± 1 pm
Optical power	Max. 1000 mW
Optical connector	LC/APC

ELECTRICAL PROPERTIES	
Power supply	5 V = (230 V ~ adapter is included)
Power consumption	Max. 15 W
Interface	Micro USB
Software	Included on flash-disk (For wavelength tuning)

PHYSICAL PROPERTIES	
Dimensions	120x105x60 mm
Weight	0.5 kg
Operating temperature	-10 °C up to 50 °C

*) For temperature range 10-50 °C

Key features:

- Fine tune and high accurate optical filter.
- Wavelength reference.
- Calibration of less accurate optical devices.
- High accuracy, stability and reliability.
- Wide operating temperature range.