

Product Specifications

Parameter	Value
Optical	
Wavelength range *	1510 - 1590 nm
Number of channels **	Up to 4 channels
Wavelength resolution	± 1 pm
Wavelength repeatability	± 5 pm
Absolute wavelength accuracy (EOL)	± 30 pm
Scan frequency	Up to 4 kHz for single channel Up to 1.5 kHz for two channels Up to 750 Hz for four channels
Dynamic range	30 dB
Optical connector **	FC/APC
Durability of optical switch	> 10 ¹¹
Electrical, Environmental and Mechanical	
Power supply	12 V (adaptor to 230 V included)
Power consumption	< 40 W ***
Operating temperature	-5°C - 40°C
Operating humidity	< 80%, non condensing
Dimensions	445x442x135 mm (19" rack)
Weight	7.5 kg
Embedded PC	
Processor	Intel Atom, Dual Core 1.8 GHz
Memory	2 GB
Harddisk	40 GB SSD Disk (no moving parts) **
Communication protocol	TCP/IP MODBUS ****
Interface	Ethernet, 2x USB 2.0, 1x VGA 4x alarm relays RS-485 **** RS-232 ****
External trigger	TTL, 2CH
Remote Control	Full control
Software	FBGuard
Manufacturer	Safibra s.r.o. (www.safibra.cz)

* depending on lightsource

** to be customized

*** depending on ambient temperature **** available, but not standard