

Filter. Back reflection protection

Filter is designed to protect the pump diodes from fiber laser's and amplifier's back reflection. The device is built on micro-optical elements and multilayer dielectric filters. For fixing elements, laser and thermal welding methods are used, which ensures high reliability.

KEY FEATURES:

- Vibration resistance
- Thermal resistance
- No fiber welding

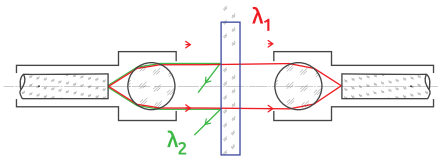
APPLICATION:

- Fiber lasers and amplifiers
- Telecommunication systems

DIMENSIONS



The photo shows a sample of fiber-optic filter



Filter operation scheme

SPECIFICATION:

Transmissive wavelength range, nm	912-920
Delayed wavelength range, nm	1030-1090
Insertion loss, dB	0.9
Isolation, dB	25
Return loss, dB	30
Operating temperature, °C	-60...+60
Fiber type, μm	105/1 25(NA 0.2 2)
Dimensions, mm	Ø8x50