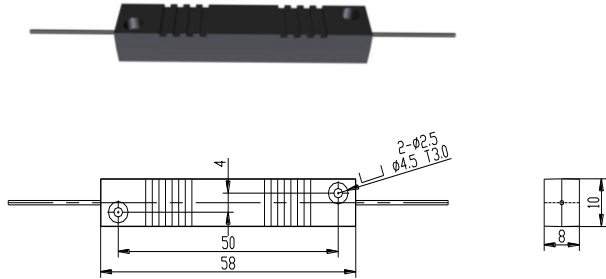


SM Pump Laser Diode Protector 975nm

The 975nm Single Mode Pump Laser Diode Protector is a Pump Feedback Protection Filter that protects the laser diodes against harmful fiber laser wavelength back-reflected light. The pump protector features high isolation, low insertion loss and high power handling.



Features

- High Isolation
- Low Insertion Loss
- High Power Handling

Applications

- Laser Diode
- Fiber Laser

Performance Specification

Parameter	Value	Unit
Pump Laser Center Wavelength	975 or customized	nm
Pass Wavelength Range	±15	nm
Typ. Insertion Loss	0.3	dB
Max. Insertion Loss at -5 to 70℃	0.5	dB
Operating Signal Wavelength Range (Blocked)	1020 - 1120 or Customized	dB
Min. Backward Signal Attenuation	50	dB
Min. Return Loss	50	dB
Max. Optical Power (CW)	0.5, 1, 3, 5, 7, 10 (higher available on request)	W
Max. Tensile Load	5	N
Fiber Type	HI 1060 Fiber	
Operating Temperature	-5 to +50	℃
Storage Temperature	-20 to +75	℃
Package Dimension		mm

Note

* For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.
 * For pulse applications, pls discuss with OF-LINK.
 * Connectors only CW 1W handling power guarantee.

Ordering Information

SMPP-AAA-BB-C-DD-EE-FF

AAA	BB	C	DD	EE	FF
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector	Power
915 - 915nm	H6 - HI 1060 Fiber	B - 250um Bare	05 - 0.5m	NE - None	Z5 - 0.5W
975 - 975nm	SS - Specify	Fiber	08 - 0.8m	FA - FC/APC	01 - 1W
SSS - Specify		L - 900um Loose	10 - 1.0m	FP - FC/PC	03 - 3W
		Tube	15 - 1.5m	SA - SC/APC	05 - 5W
			SS - Specify	SP - SC/PC	07 - 7W
				LA - LC/APC	10 - 10W
				LP - LC/PC	20 - 20W
				SS - Specify	SS - Specify