

# Pump Laser Protector

## SM/PM/MM 980nm

### Features

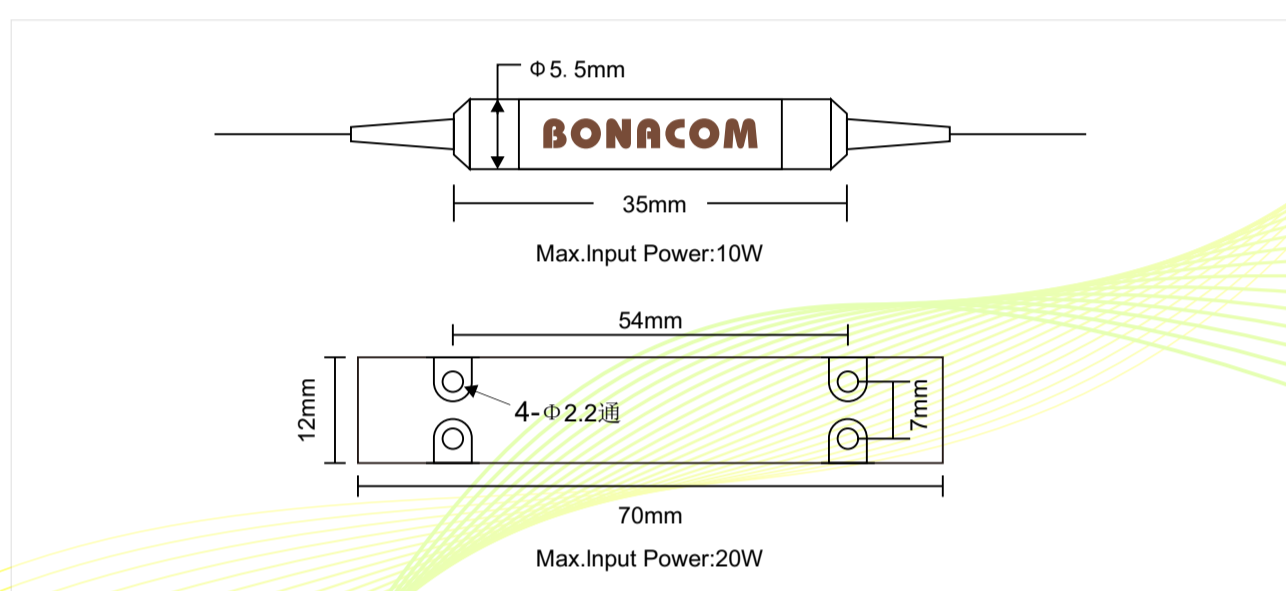
Low Insertion Loss  
High Return Loss  
High Reliability & Stability

### Applications

EDFA  
Pump Laser  
Q-Switched Laser



### Package Dimensions



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Bonacom Technology reserves the right to change any specifications without prior notice.

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### Specifications

Parameter	Unit	Value	
Pass Band Wavelength Range	nm	960~990	900~990
Max.Insertion Loss over Pass Band Wavelength	dB	0.7	
Blocked Band Wavelength Range	nm	1020~1100 or 1500~1600, or Specified	
Min. Isolation at 23°C (@Blocked Band Wavelength Range)	dB	25	
Min. Extinction Ratio at 23°C, only for PM	dB	20	/
Max. Polarization Dependent Loss at 23°C, only for non-PM	dB	0.15	
Max. Power Handling (CW)	W	20	30
Max. Pulsed Power	kW	10 or Specified	/
Min. Return Loss	dB	50	30
Max. Wavelength Thermal Stability	nm/°C	0.003	
Max. Insertion Loss Thermal Stability	dB/°C	0.005	
Fiber Type	-	PM panda fiber or single-mode fiber	Multi-mode fiber: 105/125,62.5/125,50/125um
Operating Temperature	°C	0~+70	
Storage Temperature	°C	-40~+85	

With connectors, the handing power will be only 1W, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.

### Ordering Information

PMPLP/PIPLP-1111-222-345-66-7788

1111	-Operating Wavelength:	9815=980nm pass/1550nm blocked, 9806=980nm pass/1064nm blocked
222	-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
3	-Package Dimension:	1=0=φ5.5x35mm, S=Specified
4	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
5	-Fiber Length:	0=0.8m,1=1m
66	-Connector Type:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC
77	-Average Power:	00=500mW, 01=1W,....., 30=30W
88	-Peak Power:	10=10kW, 20=20kW

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