

High Power Pump Laser Protector

Features

- Low insertion loss
- High return loss
- High stability and reliability

Applications

- Fiber optic amplifiers
- Pumped laser
- Q-Switched Laser

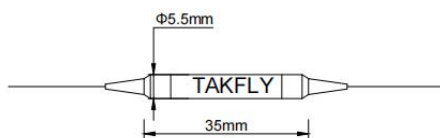
Specifications

Parameters		Unit	Values
Pass Band Wavelength Range		nm	960~990 or Specify
Max.Insertion Loss over Pass Band Wavelength		dB	0.7
Blocked Band Wavelength Range		nm	1020~1100 or 1500~1600 or Specify
Min. Isolation at 23℃ (@Blocked Band Wavelength Range)		dB	25
Max. Polarization Dependent Loss at 23℃ (SM Fiber Type)		dB	0.15
Min. Extinction Ratio at 23℃ (PM Fiber Type)		dB	20
Min. Return Loss	SM Fiber & PM Fiber	dB	50
	MM Fiber	dB	30
Max. Power Handling (CW)		W	20 or Specify
Max. Pulsed Power		kW	10
Max. Wavelength Thermal Stability		nm/℃	0.003
Max. Insertion Loss Thermal Stability		dB/℃	0.005
Operating Temperature		℃	0~+70
Storage Temperature		℃	-40~+85

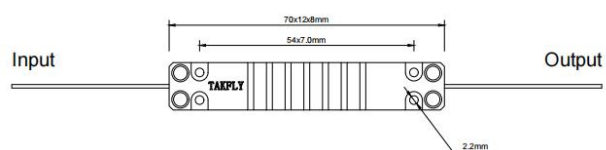
With connectors, the handing power will be only 1W, IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower.

The default connector key is aligned to slow axis.

Package Dimensions



Max. Input Power: 5W



Max. Input Power: 20W

Ordering Information

PLP-1111-222-34-5-66-7788 (SM & PM Fiber Type) / MMPLP-1111-222-34-5-66-7788 (MM Fiber Type)

1111 - Wavelength:	9815=980nm pass/1550nm blocked, 9806=980nm pass/1064nm blocked
222 - Fiber Type:	001=PM1550, 003=PM980, 004=Hi1060, 009=MM-S105/125-22A, SSS=Specify
3 - Package Dimension:	0=φ5.5x35mm, 1=70x12x8mm, S=Specify
4 - Pigtail Type:	0=bare fiber, 1=900μm loose tube
5 - Fiber Length:	0.75=0.75m, 1.0=1m, S=Specify
66 - Connector Type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify
77 - Average Power:	00=500mW, 01=1W, 05=5W,....., 20=20W, SS=Specify
88 - Peak Power:	00=Continuous Wave, 10=10kW, 20=20kW