Polarization Maintaining Pump Protector(PMPP)

Specialist in Special Optic Devices

Introduction

Rayzer's **Polarization Maintaining Pump Protector (PMPP)** Serie products, is based on thin-film filter technology, mainly used t block additional noise signal in EDFAs and fiber laser system. It i with excellent performance of high extinction rate, high isolatio and low insertion loss, also good environmental stability and hig power capability. The passband wavelength, blocked wavelengtl and handing power can be customized.

Specification

Parameters	Unit	Values	
Pass band Wavelength Range	nm	900-1000	
Blocked Wavelength Range	nm	1020-1120 or Specify	1500-1600 or Specify
Max. Insertion Loss@ Pass band	dB	0.6	0.5
Typ. Extinction Ratio	dB	22	24
Min. Isolation	dB	25	25
Min. Return Loss	dB	50	50
Thermal Stability	dB/℃	0.003	0.003
Handing Power	mW	2000	500
Max. Tensile Load	N	5	
Fiber Type	-	PM980 Panda Fiber or Hi1060	PM1550 Panda Fiber or SMF28e
Working Temperature	℃	-5 to +75	
Storage Temperature	℃	-40 to +85	

*IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

*Above specifications are for device without connector and may change without notice.

Ordering Information

PMPP-①-②-③-④-⑤-⑥

①Central Wavelength	②Package Dimension	③Fiber Type	④Fiber Length	⑤Fiber Jacket	⑥Connector
980/1064—980nm Pass/1064nm Reflect	5.5x35	Hi1060-Hi1060	1-1M	0-Bare Fiber	FU-FC/PC
980/1550—980nm Pass/1550nm Reflect		PM980-PM980	S-Specify	1-900 μ m Loose Tube	FA-FC/APC
s-Specify		S-Specify		2-2mm Cable	S-specify
				3-3mm Cable	