

1083nm PM Isolator



Features

- Low Insertion Loss
- High Extinction Ratio & Low Excess Loss
- High Stability and Reliability

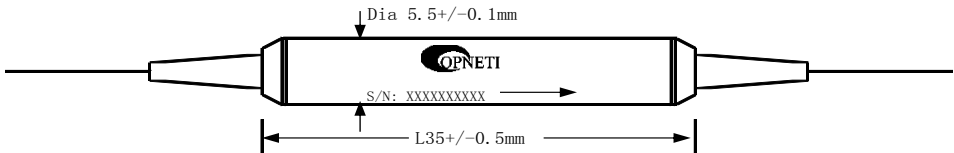
Applications

- Fiber Laser
- Fiber Amplifier
- Testing Equipment

Specifications

Parameters	Unit	Values	
Grade		P	
Stage		Single Stage	Dual Stage
Center Wavelength	nm	1083	
Typ. Peak Isolation	dB	33	50
Isolation @ 23°C	dB	≥23	≥38
Typ. Insertion Loss @ 23°C	dB	2.0	2.9
Insertion Loss @ -5°C ~ +50°C	dB	≤2.5	≤3.9
Return Loss	dB	≥50/50	
Extinction Ratio (only for B type)	dB	≥18	
Extinction Ratio (only for F type)	dB	≥22	
Power handling CW	mW	200	
Fiber Type		PM 980 Panda Fiber	
Operating Temperature	°C	-5 ~ +50	
Storage Temperature	°C	-40 ~ +85	
Dimensions	mm	φ5.5×L35	

Package Dimensions



Ordering Information

PMIS- ①①①-②②②②-③-④-⑤⑤⑤-⑥⑥⑥⑥⑥⑥-⑦⑦⑦-⑧⑧

①	Port Type	1x1
②	Wavelength	1083
③	Stage	S=Single Stage; D=Dual Stage;
④	Axis Alignment	F=Fast Axis Blocked; B=Both Axis Working;
⑤	Pigtail Type	250=250um Fiber; 900=900um Loose Tube; 3mm=3mm Loose Tube
⑥	Fiber Type	PM 980
⑦	Length	0.8= 0.8m;
⑧	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;