High Power Polarization Maintaining Isolator (1310,1480,1550nm)

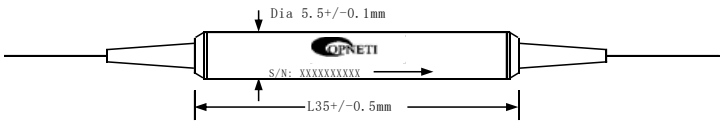
Specifications

Parameters		Unit	Single Grade	Dual Grade
Operating Wavelength		nm	1310,1480, 1550	
Bandwidth		nm	±20	
Peak Isolation		dB	42	58
Isolation (at 23℃)		dB	≥28	≥48
Typ. Insertion Loss (at 23℃)		dB	0.4	0.5
Insertion Loss (at -5 ~ +70 ℃)		dB	≤0.55	≤0.65
Extinction Ratio	Type2 (Both Axis Working)	dB	≥20	≥20
	Type1 (Fast Axis Blocked)	dB	≥25	≥25
Return Loss (Input/Output)		dB	≥55	
Power Handling		W	1; 2; 5; 10; 20	
Fiber Type			PM Panda Fiber	
Operating Temperature		℃	-5 ~ +70	
Storage Temperature		℃	-40 ~ +85	
Dimensions		mm	Φ5.5×35; Φ6x60;	

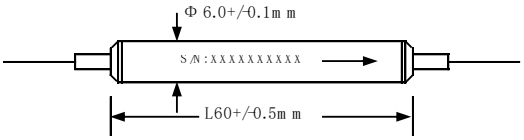
*For devices with connectors, IL+0.3dB, RL-5dB, ER-2dB.

*The default connector key is aligned to slow axis.

Package Dimensions



Package for 1~3W



Package for 4~20W

Ordering Information

PMIS- ①-②-③③③③③③③③③③③③③③③-④-⑤⑤⑤-⑥-⑦⑦⑦-⑧⑧-⑨⑨

①	Type	S=Single Stage; D=Dual Stage;
②	Grade	P=Grade P;
③	Wavelength	1310,1480, 1550
④	Axis Alignment	F=Fast Axis Blocked; B=Both Axis Working;
⑤	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
⑥	Fiber Type	5=Panda Fiber;
⑦	Length	0.8=0.8m;
⑧	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑨	Power Handling	1W; 2W; …; 20W