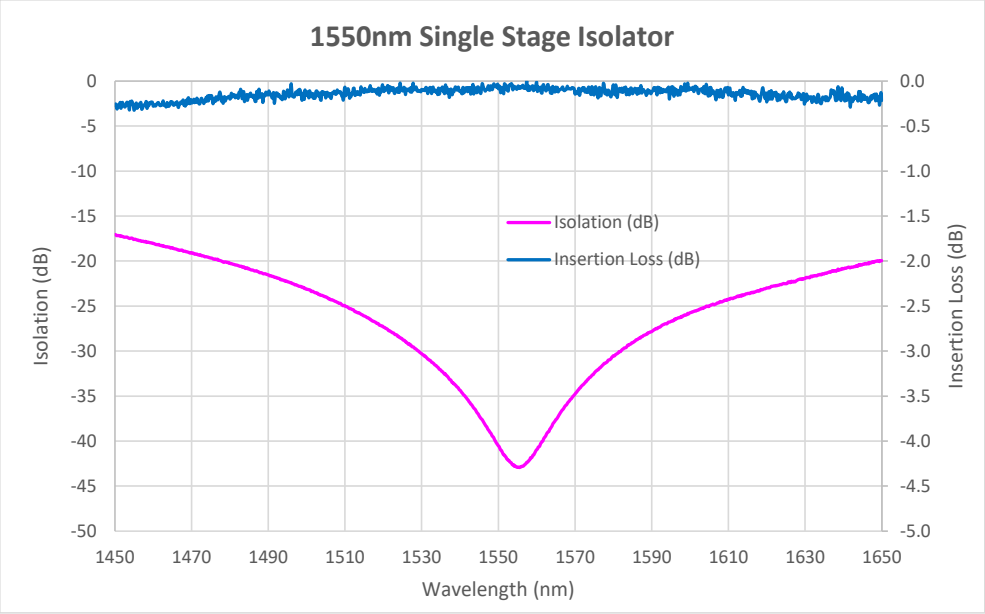
High Power Isolator -1550nm 50W CW

Specifications

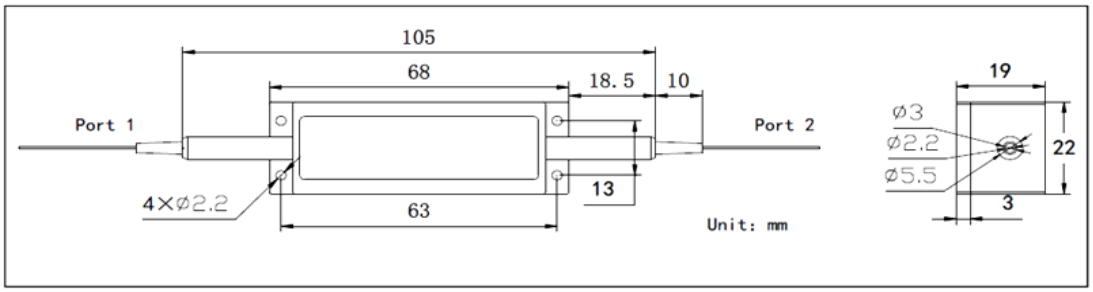
Parameters	Unit	Value
Stage		Single Stage
Center Wavelength	nm	1550
Operating Wavelength Range	nm	±20
Isolation (λc, 23°C)	dB	≥26
Insertion Loss (λc, 23°C)	dB	≤0.80
PDL at 23℃	dB	≤0.15
PER for Both Axis Working	dB	≥16
PER for Fast Axis Blocked	dB	≥18
Return Loss	dB	≥50/50
Max Power Handling (CW)	W	20, 30, 50
Fiber Type for SM Version		25/250DCF (LMA-GDF-25/250-M)
Fiber Type for PM Version		Coherent PM 25/250DCF (PLMA-GDF-25/250-M)
		Coherent PM 12/130DCF (PM-GDF-12/130-M)
Operation Temperature	℃	-5 ~ +70
Storage Temperature	℃	-40 ~ +85
Dimensions	mm	105x22x19

*With connectors, IL+0.3dB, RL-5dB, PER-2dB, CW power will be reduced to 1W.

Typical Spectrum



Package Dimensions



Ordering Information

HPMIS- ①-②-③③③③-④-⑤⑤⑤-⑥⑥⑥-⑦-⑧⑧-⑨⑨⑨
HPIS-

①	Type	S=Single Stage;
②	Grade	P=Grade P;
③	Wavelength	1550;
④	Axis Alignment	F=Fast Axis Blocked; B=Both Axis Working (choose "B" for SM Version);
⑤	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube; 3mm=3mm Loose Tube;
⑥	Fiber Type	25D=20/250DCF; P103D=PM10/130DCF; P252D=PM25/250DCF;
⑦	Length	1=1m;
⑧	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑨	Power Handling	20W; 30W; 50W;