

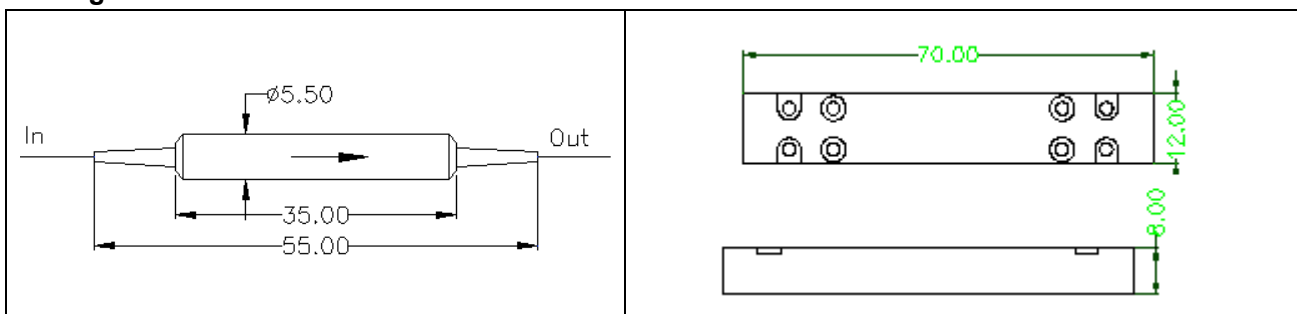
1550nm High Power In Line Isolator (1-20W)

Features	
Low Insertion Loss & PDL High Isolation & Return Loss & Extinction Ratio High reliability	
Application	
EDFA Fiber Optical Instrument Fiber Laser	

Specifications

Parameter	Unit	SMF Fiber Isolator (HPIS)		PM Isolator (HPMIS)	
		Single stage	Dual Stage	Single stage	Dual Stage
Stage		Single stage	Dual Stage	Single stage	Dual Stage
Center wavelength	nm	1550			
Bandwidth	nm	±20			
Peak isolation	dB	42	58	42	58
Isolation at 23°C	dB	≥28	≥48	≥28	≥48
Insertion Loss at 23°C	dB	≤0.55	≤0.65	≤0.55	≤0.65
Extinction Ratio (F Type)		--	--	≥22	≥22
Extinction Ratio (B Type)		--	--	≥20	≥20
PDL	dB	≤0.10	≤0.10	--	--
Return loss	dB	≥50	≥50/50	≥50/50	≥50/50
Fiber Type		SMF-28e		Panda Fiber	
Power handling (CW)	W	1, 2, 3, 5, 10, 20			
Package Dimension	mm	5.5x35 or 70x12x10			
Operating temperature	°C	-5 ~ +50			
Storage temperature	°C	-20 ~ +75			

Package Dimensions



Ordering Information

HPIS HPMIS	Wavelength	Stage	Working axis	Pigtail	Fiber	length	Package	Power
	1550	S=Single stage D=Dual stage	F=Fast axis Blocked B=Both axis working	250=250um bare fiber 900=900um loose tube	1=SMF-28e 5= PM1550	0.8=0.8m S=Specify	5.5x35 70x12x10	1W 2W S=Specify