

## 2000nm Optical Inline Polariser for Pulse Power

### FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

### APPLICATIONS

- Fiber Optic Amplifiers
- Fiber Optic Instruments
- WDM Systems
- Dispersion Compensation
- Research Labs



### SPECIFICATIONS

Parameter	Unit	Value	
Center Wavelength	nm	1950, 2000	1900, 2050
Bandwidth	nm	+/-30	+/-20
Insertion Loss @ 23°C	(Typ.)	dB	
	(Max.)	dB	
Extinction Ratio @ 23°C	(Typ.)	dB	
	(Min.)	dB	
Optical Return Loss	dB	≥50	
Configuration	D Type	-	
	Y Type	-	
Fiber Type at 3 <sup>rd</sup> Port (Only for Y Type)	-	Same Fiber, Corr. SM Fiber or 50/125um MM Fiber	
Fiber Type	SM Fiber	-	
	PM Fiber	-	
Fiber Tensile Load	N	5	
Max. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20	
Max. Peak Power for pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube (SST)	mm	
	Metal Box	mm	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
  3. Suggest to use Y type if blocked optical power is >1W.
  4. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  5. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.
  6. Package size may be different for different fiber type, configuration and optical power

### ORDERING INFORMATION (PN)

FILP-NNNN	- C	C	(C)	-H	NN	PNN	-(C)	(C)	C	NN	- CC/CCC
Center Wavelength	Input Fiber	Output Fiber	3rd Port Fiber	Average Power	Peak Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type	
1900-1900nm	P= PM Fiber	P= PM Fiber	P= Same Fiber	03-300mW	01-100W	M= Metal Box	V= SM1950 or PM1950 Fiber	B= Bare fiber	05=0.5m	N= Without Connector	
1950-1950nm	S= SM Fiber	S= SM Fiber	S= Corr. SM Fiber	1= 1W	1= 1kW	Blank for SST	0= 10/130 DC or PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector	
2000-2000nm			S=50/125um MM Fiber	5= 5W	5= 5kW	or >10W	R=25/250 DC or PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector	
2050-2050nm			Blank for D Type	10=10W	10=10kW		Blank for SMF-28 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector	

or PM1550 Fiber

