

## 2000nm Optical Inline Polariser

### 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	-	SMF-28 Fiber or SM1950 Fiber (V) 10/130um DC Fiber (O), 25/250um DC Fiber (R)
	PM Fiber	-	PM1550 Panda Fiber or PM1950 Fiber (V) 10/130um PMDC Fiber (O), 25/250um PMDC Fiber (R)
Fiber Tensile Load	N	5	
Max. Optical Power (CW)	mW	300	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube (SST)	mm	∅5.5x35
	Metal Box	mm	L120x <sup>W</sup> 12x <sup>H</sup> 10

- 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. 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.
  4. Package size may be different for different fiber type, configuration and optical power

### ORDERING INFORMATION (PN)

<b>FILP-NNNN</b>	-	<b>C</b>	<b>C</b>	<b>(C)</b>	-	<b>(C)</b>	<b>C</b>	<b>NN</b>	-	<b>CC/CCC</b>
<i>Center Wavelength</i>		<i>Input Fiber</i>	<i>Output Fiber</i>	<i>3rd Port Fiber</i>	<i>Package</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>
1900~1900nm		P= PM Fiber	P= PM Fiber	P= Same Fiber	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	Blank for SST	O=10/130 DC or PMDC Fiber	L= Loose Tube	10=1.0m		FC/APC=FC/APC Connector
2000~2000nm		F= PM Fiber/Fast Axis	F= PM Fiber/Fast Axis	S=50/125um MM Fiber		R=25/250 DC or PMDC Fiber	2= 2mm Cable	15=1.5m		LC/PC=LC/PC Connector
2050~2050nm				Blank for D Type		Blank for SMF-28 Fiber or PM1550 Fiber	3= 3mm Cable	20=2.0m		SC/UPC=SC/UPC Connector