

750~850nm 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	760, 780, 793, 808, 830, 850	
Bandwidth	nm	+/-10	
Insertion Loss @ 23°C	(Typ.)	dB	0.7
	(Max.)	dB	1.4
Extinction Ratio @ 23°C	(Typ.)	dB	26
	(Min.)	dB	23
Optical Return Loss	dB	≥50	
Configuration	D Type	-	2-port, Standard
	Y Type	-	3-port, Fast axis blocked light guide out
Fiber Type at 3 rd Port (Only for Y Type)	-	-	Same Fiber, Corr. SM Fiber or 50/125um MM Fiber
Fiber Type	SM Fiber	-	HI780 Fiber or 780-HP Fiber
	PM Fiber	-	PM850 Fiber or PM780-HP Fiber
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 ^W 12x ^H 10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.7dB 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)

FILP-NNN	-	C	C	(C)	-	(C)	(C)	C	NN	-	CC/CCC
<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>
780~780nm		P= PM Fiber	P= PM Fiber	P= Same Fiber		M= Metal Box	7= 780HP Fiber	B= Bare fiber	05=0.5m		N=Without Connector
793~793nm		S=SM Fiber	S=SM Fiber	S=Corr. SM Fiber		Blank for SST	or PM780-HP Fiber	L= Loose Tube	10=1.0m		FC/APC=FC/APC Connector
830~830nm				S=50/125um MM Fiber			Blank for HI780 Fiber	2= 2mm Cable	15=1.5m		LC/PC=LC/PC Connector
850~850nm				Blank for D Type			or PM850 Fiber	3= 3mm Cable	20=2.0m		SC/UPC=SC/UPC Connector