900~950nm Optical Inline Polariser for Pulse Power

FEATURES

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

APPLICATIONS

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

SPECIFICATIONS

Parameter		Unit	Value
Center Wavelength		nm	915, 930, 940, 950
Bandwidth		nm	+/-15
Insertion Loss @ 23°C	(Typ.)	dB	0.7
	(Max.)	dB	1.0
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 3rd Port (Only for Y Type)		-	Same Fiber, Corr. SM Fiber or 50/125um MM Fiber
Fiber Type	SM Fiber	-	HI780 Fiber, HI1060 Fiber or 10/125um SC Fiber (E) 10/125um DC Fiber (O), 15/130um DC Fiber (W) 20/130um DC Fiber (Q) or 25/250um DC Fiber (R)
	PM Fiber	-	PM850 Fiber, PM980 Panda Fiber or 10/125um PMSC Fiber (E) 10/125um PMDC Fiber (O), 15/130um PMDC Fiber (W) 20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)
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	(Ø)5.5x35 (≤5W); (Ø)6.0x48 (5~10W)
	Metal Box	mm	(L)90x(W)12x(H)10 (>10W); (L)120x(W)12x(H)10 (≤10W)

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. 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.

ORDERING INFORMATION (PN)

FILP-NNN - C C (C) -H NN P NN - (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
915=915nm	P=PM Fiber	P=PM Fiber	P=Same Fiber	03=300mW	01=100W	M=Metal Box	H=HI1060/PM980 Fiber	B=Bare fiber	05=0.5m	N=Without Connector
930=930nm	S=SM Fiber	S=SM Fiber	S=Corr. SM Fiber	1=1W	1=1kW	*Blank* for SST	E=10/125 SC Fiber	L=Loose Tube	10=1.0m	FC/APC=FC/APC Connector
940=940nm			5=50/125um MM Fiber	5=5W	5=5kW	or >10W	R=25/250 DC Fiber	2=2mm Cable	15=1.5m	LC/PC=LC/PC Connector
950=950nm			*Blank* for D Type	10=10W	10=10kW		*Blank* for HI780 Fiber or PM850 Fiber	3=3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector