900~950nm 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	915, 930, 940, 950
Bandwidth		nm	+/-15
Insertion Loss @ 23°C	(Typ.)	dB	0.7
	(Max.)	dB	1.2
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 Fiber or PM1060L 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. Optical Power (CW)		mW	300
Operating Temperature		°C	0~50
Storage Temperature		°C	-40~85
Package Dimension	Stainless Steel Tube (SST)	mm	Ø5.5x35
	Metal Box	mm	L120xW12xH10

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

Center Wavelength	Input Fiber	Output Fiber	3rd Port Fiber	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
915=915nm	P=PM Fiber	P=PM Fiber	P=Same Fiber	M=Metal Box	H=HI1060 or PM980 Fiber	B=Bare fiber	05=0.5m	N=Without Connector
930=930nm	S=SM Fiber	S=SM Fiber	S=Corr. SM Fiber	*Blank* for SST	E=10/125 SC or PM1060L Fiber	L=Loose Tube	10=1.0m	FC/APC=FC/APC Connector
940=940nm			5=50/125um MM Fiber		R=25/250 DC or PMDC Fiber	2=2mm Cable	15=1.5m	LC/PC=LC/PC Connector
950=950nm			*Blank* for D Type		*Blank* for HI780 or PM850 Fiber	3=3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector