

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
	(Max.)	dB
Extinction Ratio @ 23°C	(Typ.)	dB
	(Min.)	dB
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, 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
	Metal Box	mm

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.7dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 - 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.
 - 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	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	
950~950nm			Blank for D Type		Blank for HI780 or PM850 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector	

