



915/980nm High Power PM Filter Coupler



FEATURES

- Low Excess Loss
- Various Splitting Ratio
- Wide Passband
- High Stability and Reliability
- Epoxy Free Optical Path

APPLICATIONS

- Optical Amplifier
- Optical Networks
- Power Monitoring
- Fiber Sensor
- Lab

SPECIFICATIONS

Parameter	Unit	1x2 Type			2x2 Type		
Center Wavelength	nm	915, 980					
Bandwidth	nm	+/-15					
Split Ratio	-	1:99	2:98	5:95	10:90	40:60	50:50
Tap Ratio	-	1+/-0.5%	2+/-0.6%	5+/-1.0%	10%	40%	50%
Excess Loss Max.	dB	1.4			1.6		
Uniformity Max.	dB	0.8			1.0		
Extinction Ratio	dB	≥18					
Optical Return Loss	dB	≥50					
Fiber Type	Tap Port	10/125um PM Fiber, PM980 Panda Fiber or HI1060 Fiber					
	Thru Port	10/125um PM Fiber or PM980 Panda Fiber					
Fiber Tensile Load	N	5					
Max. Optical Power (CW)	W	1, 3, 5, 10					
Operating Temperature	°C	0~50					
Storage Temperature	°C	-40~85					
Package Dimension	mm	(Dia.) 5.5x35					

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 4. The device can only work in slow axis and fast axis is blocked.
 5. Devices for higher optical power or with other type fiber or consigned fiber (For example: 6/125um, 20/125um or 25/250um, etc.) are also available; Devices can only work in the core of Double Cladding (DC) Fiber.

ORDERING INFORMATION

FPFC- NNN - NN C N -HP NN - N C NN - CC/CCC	Wavelength	Split Ratio	Tap Port Fiber	Type	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
	980=980nm	01=1/99	H=HI1060 Fiber	1=1x2	1=1W	2= 250um	B= Bare fiber	10=1.0m	N =Without Connector
	915=915nm	10=10/90	P=PM980 Fiber	2=2x2	2=2W	Panda Fiber	L= Loose Tube	15=1.5m	FC/APC=FC/APC Connector
		50=50/50	Y=105/125um Fiber		3=3W			20=2.0m	LC/PC =LC/PC Connector
			E=10/125 PM Fiber						
			O=10/125PMDC Fiber						
			EH=10/125 Fiber						
			OH=10/125DC Fiber						