

## 1x4, 1x8 PM Filter Coupler Module

<b>Features</b>	
Low Insertion Loss & Excess Loss High Extinction Ratio & High Isolation High stability and reliability	
<b>Application</b>	
EDFA Fiber Optical Instrument Power Monitoring Fiber Sensor	

### Specifications

Parameter		1x4		1x8	
Center Wavelength (nm)		1310 or 1550	1064	1310 or 1550	1064
Operating Wavelength Range (nm)		+/-30			
Insertion Loss (dB)		≤7.5 Typ. 7.0	≤8.0 Typ. 7.5	≤11.0 Typ.10.5	≤11.5 Typ. 11.0
WDL (dB)		≤0.5, Typ. 0.3			
Uniformity (dB)		≤0.8		≤1.0	
Return Loss (dB)		≥50		≥50	
Directivity (dB)		≥50		≥45	
Extinction Ratio (dB)	Type B (Both of axis working)	≥20		≥17	
	Type F (Fast axis blocked)	≥22		≥22	
PDL (only for Type B) (dB)		≤0.1		≤0.15	
Temperature Dependent Loss( dB/°C)		≤0.006		≤0.008	
Fiber Type		Panda Fiber			
Operating Temperature (°C)		-5 ~+70	-5 ~+50	-5 ~ +70	-5 ~+50
Storage Temperature(°C)		-40 to +85			
Package Dimensions(mm)		100x80x10		120x80x12	

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis.

### Ordering Information

PMFC	Type	Wave length	Coupling Ratio	Axis Alignment	Pigtail Type	Fiber Type	Length	Connector
	1x4 1x8	1064 1310 1550	EVEN X=Specify	F=Fast Axis Blocked B=Both Axis Working	900=900um loose tube 2000=2mm loose tube 3000=3mm loose tube	5=Panda fiber	0.8= 0.8m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other