

770-810nm 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	780, 793, 808						
Bandwidth		nm	+/-10						
Split Ratio		-	0.1:99.9	1:99	2:98	5:95	10:90	40:60	50:50
Tap Ratio		-	0.1%	1+/-0.6%	2+/-0.8%	5+/-1.0%	10%	40%	50%
Excess Loss	Max.	dB	1.6			1.9			
Uniformity	Max.	dB	0.8			1.0			
Extinction Ratio		dB	≥18						
Optical Return Loss		dB	≥50						
Fiber Type	Tap Port	-	Same Fiber, Corresponding SM Fiber or 50/125um Fiber						
	Thru Port	-	PM850 Panda Fiber or Nufern PM780-HP Fiber						
Fiber Tensile Load		N	5						
Max. Optical Power (CW)		mW	300						
Operating Temperature		°C	0~50						
Storage Temperature		°C	-40~85						
Package	Stainless Steel Tube (SST)	mm	(Ø)5.5x35						
Dimension	Metal Box	mm	(L)120x(W)12x(H)10						

- 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. The device can only work in slow axis and fast axis is blocked.
 4. Devices for higher optical power or with other type fiber or consigned fiber are also available.

ORDERING INFORMATION (PN)

FPFC-	NNN	-	NN	C	N	-(C)	N	C	NN	-	CC/CCC
	Wavelength		Split Ratio	Tap Port Fiber	Type	Package	Fiber Type	Fiber Sleeve	Fiber Length		Connector Type
	780-780nm		01-1/99	P- Same Fiber	1-1x2	M-Metal Box	2- PM850 Fiber	B- Bare fiber	05-0.5m		N-Without Connector
	793-793nm		05-5/95	S- Corr. SM Fiber	2-2x2	Blank for SST	7- PM780HP Fiber	L- Loose Tube	10-1.0m		FC/APC-FC/APC Connector
	808-808nm		10-10/90	5-50/125um Fiber				2- 2mm Cable	15-1.5m		LC/PC-LC/PC Connector
			50-50/50					3- 3mm Cable	20-2.0m		SC/UPC-SC/UPC Connector