1092~1160nm 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	1092, 1103, 1120, 1150						
Bandwidth		nm	+/-20						
Split Ratio		-	0.1:99.9	1:99	2:98	5:95	10:90	40:60	50:50
Tap Ratio		-	0.1%	1±0.5%	2±0.6%	5±1.2%	10%	40%	50%
Excess Loss	Max.	dB	1.4				1.6		
Uniformity	Max.	dB	1.0				1.4		
Extinction Ratio		dB	≥20						
Optical Return Loss		dB	≥50						
Fiber Type	Tap Port	-	Same Fiber, Corresponding SM Fiber or 50/125um Fiber						
	Thru Port	-	PM980 Fiber, PM1060L Fiber (E) or PM1060L-FA Fiber (L) 10/125um PMDC Fiber (O), 15/130um PMDC Fiber (W) 20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)						
Work Mode	Standard	-	Can only work in Slow Axis						
	B Type	-	Can work both in Slow Axis and Fast Axis						
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	Ø5.5xL35						
	Metal Box	mm	L120xW12xH10						

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. 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.

ORDERING INFORMATION (PN)

FPFC- NNNN - NN C N (C) - (C) C C NN - CC/CCC

Wavelength	Split Ratio	Tap Port Fiber	Type	Work Mode	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1092=1092nm	01=1/99	P=Same Fiber	1=1x2	B=B Type	M=Metal Box	2=PM980Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1103=1103nm	05=5/95	S=Corr. SM Fiber	2=2x2	*Blank* for Standard	*Blank* for SST	E=PM1060L Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1120=1120nm	10=10/90	5=50/125um Fiber				Q=20/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1150=1150nm	50=50/50					R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector