

Polarization Maintaining Filter Coupler

Features

- *Low insertion loss
- *High Return Loss
- *High extinction ratio
- *Excellent stability and reliability

Applications

- * Fiber Lasers
- * Fiber Sensors
- * Testing Systems



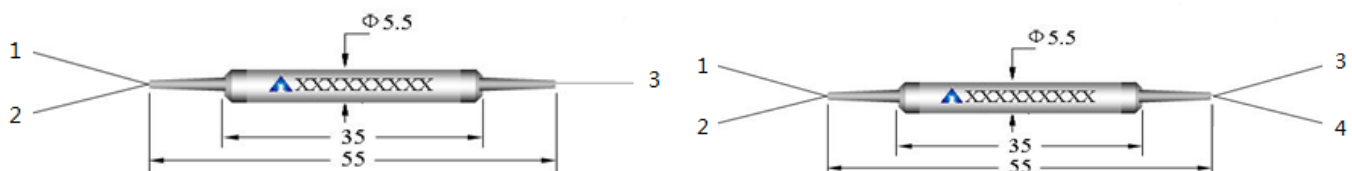
Specifications

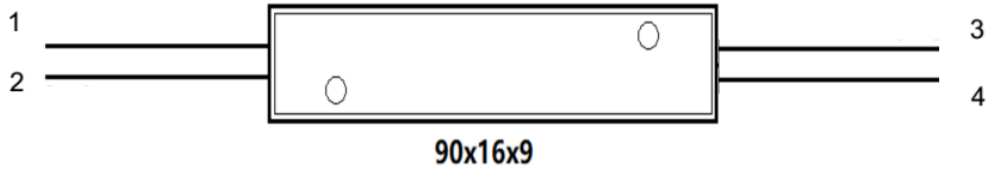
Parameter		Unit	Value			
Port Type		-	1x2		2x2	
Center Wavelength		nm	1310,1550	1064	1310,1550	1064
Operating Wavelength Range		nm	±40	±20	±40	±20
Max. Excess Loss		dB	0.7	0.8	1.0	1.2
Uniformity (only for 50/50)		dB	0.4	0.5	0.6	0.8
Coupling Ratio		dB	01/99~50/50			
Min. Extinction Ratio at 23°C		dB	22 (P1 -->P3 and P3 --> P1 ER>25dB)			
Min. Return Loss		dB	50			
Max. Optical Power(CW)		mW	300			
Max. Tensile Load		N	5			
Fiber Type	Tap Port	-	SMF-28E, Hi1060 or PM Panda fiber			
	Port 1 & 3	-	PM Panda fiber			
Optical Path of Type	Type B	-	Port 1 to Port2/3, Port 2 is Tap Port		Port 1 to Port2/3,Port 2 is Tap Port, Port 3 to Port1/4,Port 4 is Tap Port	
	Type F	-	Port 3 to Port1/2, Port 2 is Tap Port		Port 1 to Port3/4,Port 4 is Tap Port, Port 3 to Port1/2,Port 2 is Tap Port	
Operating Temperature		°C	-5~+70			
Storage Temperature		°C	-40~+85			

Remark: * The Above specifications is without connector. IL is 0.3dB higher, RL is 5dB lower and ER is 2dB lower for each connector added. The default connector key is aligned to slow axis.

* Type B: Both axis working, Type F: for Fast axis blocked

Package Dimensions





Ordering Information

PMFC - A - B - C - D - E - F - G - H - I - J		
A	Port Number	1x2 , 2x2
B	Wavelength	1064=1064nm , 1310=1310nm,1550=1550nm,S=Special
C	Tap ratio	01=1/99,02=2/98,03=3/97,.....,10=10/90,20=20/80,30=30/70,.....50=50/50,or others
D	Axis Alignment	F=Slow axis working, Fast axis blocked; B=Both of axis working
E	Pigtail Type	BF=bare fiber, 0.9=0.9mm loose tube, 3=3.0mm loose tube
F	Fiber type for tap port	SMF-28e, Hi1060, PM1550, PM1310, PM980, etc
G	Fiber type for port 1,3	SMF-28e, Hi1060, PM1550, PM1310, PM980, etc
H	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
I	Package Size	5.5x35mm, 90x16x9mm
J	Fiber length	003=0.3m, 005=0.5m; 010=1.0m;100=10m etc
For example: PMFC-2*2-1064-50-F-3-PM980-PM980-FC/APC-90x16x9-010		