



PM Filter Coupler

Features	Applications
High Reliability	Fiber laser
High Extinction Ratio	Optical Amplifier
Low Insertion Loss	Fiber Sensor
Wide Operating Wavelength	Power Monitoring

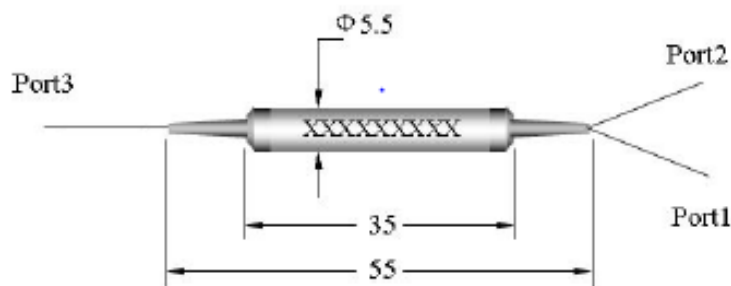
Specifications

Parameter		Unit	1x2		2X2	
Center Wavelength		nm	1310 or 1550	1064	1310 or 1550	1064
Bandwidth		nm	±40	±20	±40	±20
Excess Loss		dB	≤7.5	≤8.0	≤1.0	≤1.2
Uniformity (50/50%)		dB	≥0.4	≥0.5	≥0.6	≥0.8
Coupling Ratio		dB	1/99~50/50			
Extinction Ratio	B type (Both of axis working)	dB	≥20	≥20	≥18	≥18
	F Type (Fast axis blocked)	dB	≥22	≥22	≥22	≥22
Return Loss		dB	≥50			
Power		mW	≤300			
Fiber Type	Tap port 2		Single Mode fiber or Fujikura Panda fiber			
	Port 1 & 3		Fujikura Panda fiber			
Operating temperature		°C	-5~+70			
Storage temperature		°C	40 to +85			
Dimensions		mm	φ5.5×L35			

* IL is 0.3dB (1310~1550nm) or 0.5dB (1064nm) higher, RL is 5dB lower and ER is 2dB lower for each connector added.

The default connector key is aligned to slow axis.

Package Dimensions





Ordering Information

PMFC	Type	Wavelength	Coupling ratio	Working axis	Pigtail	Fiber	Length	Connector
	1x2 1X2	1064 1310 1550	1/99 2/98 50/50	F=Fast axis Blocked B=Both axis working	0=250um bare Fiber 1=900um loose tube	0=SMF-28e 1=Hi1060 5= Panda Fiber	0.8m 1m	FC,SC,LC, ST ,MU/UPC, AP C