

## PM Filter Coupler Module (1x4, 2x4)

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

### Specifications

Parameter		1x4		2x4	
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	≤7.6 Typ. 7.2	≤8.2 Typ. 7.6
WDL (dB)		≤0.5, Typ. 0.3			
Uniformity (dB)		≤0.8			
Return Loss (dB)		≥50			
Directivity (dB)		≥50			
Extinction Ratio (dB)	Type B (Both of axis working)	≥20		≥18	
	Type F (Fast axis blocked)	≥22			
PDL (only for Type B) (dB)		≤0.1			
Temperature Dependent Loss( dB/°C)		≤0.006			
Fiber Type		PM13 or PM15	PM98	PM13 or PM15	PM98
Operating Temperature (°C)		-5 to +70			
Storage Temperature(°C)		-40 to +85			
Package Dimensions(mm)		100x80x10			

\*Above specifications are for devices without the connectors.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

\*The PM fiber and the connector key are aligned to the slow axis.

### Ordering Information

PMFCM	Wavelength	Type	Coupling Ratio	Axis Alignment	Pigtail Type	Length	Connector
	06=1064nm 31=1310nm 55=1550nm	014=1x4 024=2x4	E=Even CR	F=Fast Axis Blocked B=Both Axis Working	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m B=5.0m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC