PM Filter Coupler Module（1x16, 2x16）

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

Specifications

Parameter		1x16		2x16	
Center Wavelength (nm)		1310 or 1550	1064	1310 or 1550	1064
Operating Wavelength Range (nm)		+/-30			
Insertion Loss (dB)		≤14.8 Typ.14.3	≤14.9 Typ. 14.5	≤15.0 Typ. 14.6	≤15.2 Typ. 14.8
WDL (dB)		≤0.5, Typ. 0.3			
Uniformity (dB)		≤1.2			
Return Loss (dB)		≥50			
Directivity (dB)		≥45			
Extinction Ratio (dB)	Type B (Both of axis working)	≥16		≥15	
	Type F (Fast axis blocked)	≥22		≥20	
PDL (only for Type B) (dB)		≤0.15			
Temperature Dependent Loss(dB/℃)		≤0.008			
Fiber Type		PM13 or PM15	PM980	PM13 or PM15	PM980
Operating Temperature (℃)		-5 to+70			
Storage Temperature(℃)		-40 to +85			
Package Dimensions(mm)		160x160x20			

*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	016=1x16 026=2x16	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