PM Filter Coupler Module(1x4,1x8)

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

Specifications

Parameter		Unit	1x4		**1X8**	
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	≤11.0 Typ.10.5	≤11.5 Typ. 11.0
WDL		dB	≤0.5, Typ. 0.3			
Uniformity		dB	≤0.8		≤1.0	
Return Loss		dB	≥50		≥50	
Directivity		dB	≥50		≥45	
Extinction Ratio	B type (Both of axis working)	dB	≥20		≥17	
	F Type (Fast axis blocked)	dB	≥22		≥22	
PDL (only for B type)		dB	≤0.1		≤0.15	
Temperature Dependent Loss(dB/℃)		mA	≤0.006		≤0.008	
Fiber Type			Panda Fiber			
Operating temperature		℃	-5 to+70	-5 to+50	-5 to+70	-5 to+50
Storage temperature		℃	40 to +85			
Dimensions		㎜	100x80x10		120x80x18	

* 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

Ordering Information

PMFCM	Type	Wavelength	Coupling ratio	Working axis	Pigtail	Fiber	Length	Connector
	1x4 1X8	1064 1310 1550	EVEN	F=Fast axis Blocked B=Both axis working	0=250um bare Fiber 1=900um loose tube 2=2mm loose Tube 3=3mm loose tube	5=Panda Fiber	0.8m 1m	FC,SC,LC,ST ,MU/UPC,APC