

2000nm 1x6 High Power PM Filter Splitter Module

FEATURES

- Low Excess Loss
- Various Splitting Ratio
- Wide Passband
- High Stability and Reliability
- Epoxy Free Optical Path

APPLICATIONS

- Optical Amplifier
- Optical Networks
- Power Monitoring
- Fiber Sensor
- Lab



SPECIFICATIONS

Parameter	Unit	Value
Center Wavelength	nm	1900, 1950, 2000, 2050
Bandwidth	nm	+/-20nm or customer specify
Configuration	-	1x6 or 2x6
Insertion Loss	dB	≤12.7
Uniformity	dB	≤1.6
Extinction Ratio	dB	≥18
Optical Return Loss	dB	≥50
Working Mode	-	Can only work in Slow Axis
Fiber Type	-	PM1550 Panda Fiber or PM1950 Fiber (V) 10/130um PMDC Fiber (O) or 25/250um PMDC Fiber (R)
Alignment	-	Slow Axis
Fiber Tensile Load	N	5
Max. Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package Dimension	mm	^L 160x ^W 140x ^H 10

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 - Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 - The devices can only work in slow axis and fast axis is blocked.
 - Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device
 - Package size may be different for different optical power fiber type and configurations.

ORDERING INFORMATION (PN)

FPFM-	NNNN	- NxN	- HP NN	- C	C	NN	- CC/CCC
Wavelength	Configuration	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type	
1900-1900nm	1X6-1X6 Type	1-1W	2- PM1550 Fiber	B- Bare Fiber	05-0.5m	N-Without Connector	
1950-1950nm	2X6-2X6 Type	3-3W	V- PM1950 Fiber	L- Loose Tube	10-1.0m	FC/APC-FC/APC Connector	
2000-2000nm		5-5W	O-10/130 PMDC Fiber	2- 2mm Cable	15-1.5m	LC/PC-LC/PC Connector	
2050-2050nm		10-10W	R-25/250 PMDC Fiber	3- 3mm Cable	20-2.0m	SC/UPC-SC/UPC Connector	

