

2000nm 1x5 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	-	1x5
Split Ratio	%	Even Split
Insertion Loss	dB	≤11.8
Uniformity	dB	≤1.5
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	L160x ^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	-1X5	- HP	NN	- C	C	NN	- CC/CCC
	Wavelength			Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
	1900~1900nm			1~1W	2- PM1550 Fiber	2- 2mm Cable	05~0.5m	N-Without Connector
	1950~ 1950nm			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