

## 975~1120nm 1x5 PM Filter Splitter Module for Pulse Power

### 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	975, 980, 990, 1000 1020, 1030, 1040, 1053, 1064 1070, 1080, 1092, 1103, 1120
Bandwidth	nm	+/-20nm or customer specify
Configuration	-	1x5
Split Ratio	%	Even Split
Insertion Loss	dB	≤9.4
Uniformity	dB	≤1.5
Extinction Ratio	dB	≥18
Optical Return Loss	dB	≥50
Working Mode	-	Can only work in Slow Axis
Fiber Type	-	PM980 Fiber, PM1060L Fiber (E) or PM1060L-FA Fiber (L) 10/125um PMDC Fiber (O) or 15/130um PMDC Fiber (W) 20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)
Alignment	-	Slow Axis
Fiber Tensile Load	N	5
Max. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 20
Max. Peak Power for pulse	kW	0.1, 1, 2, 3, 5, 10, 20
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package Dimension	mm	(L)160x(W)140x(H)10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
  3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  4. The devices can only work in slow axis and fast axis is blocked.
  5. 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.

### ORDERING INFORMATION (PN)

FPFM-	N	N	N	N	-1X5	-	H	N	N	P	N	-C	C	NN	-	CC/CCC		
	<i>Wavelength</i>							<i>Average Power</i>		<i>Peak Power</i>		<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>		
	975	975	nm		03			300	mW	01			2			05	0.5m	N=Without Connector
	1030	1030	nm		1			1	W	1			E			10	1.0m	FC/APC=FC/APC Connector
	1064	1064	nm		5			5	W	5			Q			15	1.5m	LC/PC=LC/PC Connector
	1120	1120	nm		10			10	W	10			R			20	2.0m	SC/UPC=SC/UPC Connector

