

2000nm 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	1900, 1950, 2000, 2050
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	-	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. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 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	L160x ^W 140x ^H 10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB 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.
 6. Package size may be different for different optical power fiber type and configurations.

ORDERING INFORMATION (PN)

FPFM-	N	N	N	N	-1X5	-	H	N	N	P	N	N	-	C	C	N	-	CC/CCC														
	Wavelength							Average Power			Peak Power		Fiber Type		Fiber Sleeve		Fiber Length		Connector Type													
	1900	-	1900	nm				03	-	300	mW	01	-	100	W	2	-	PM1550	Fiber	B	-	Bare	Fiber	05	-	0.5	m	N	-	Without	Connector	
	1950	-	1950	nm				1	-	1	W	1	-	1	kW	V	-	PM1950	Fiber	L	-	Loose	Tube	10	-	1.0	m	FC/APC	-	FC/APC	Connector	
	2000	-	2000	nm				5	-	5	W	5	-	5	kW	0	-	10/130	PMDC	Fiber	2	-	2mm	Cable	15	-	1.5	m	LC/PC	-	LC/PC	Connector
	2050	-	2050	nm				10	-	10	W	10	-	10	kW	R	-	25/250	PMDC	Fiber	3	-	3mm	Cable	20	-	2.0	m	SC/UPC	-	SC/UPC	Connector