2000nm 1x3 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	-	1x3
Split Ratio	%	33.3/33.3/33.3
Insertion Loss	dB	≤8.5
Uniformity	dB	≤1.0
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, 15, 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 0.3dB 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- NNNN - 1X3 - H NN P NN - C C NN -CC/CCC

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