1x6 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	1310, 1480, 1550, 1590	1550&1590
Bandwidth	nm	+/-30nm or customer specify	
Configuration	-	1x6 or 2x6	
Insertion Loss	dB	≤9.9	≤10.3
Uniformity	dB	≤1.6	
Extinction Ratio	dB	≥18	
Optical Return Loss	dB	≥50	
Working Mode	-	Can only work in Slow Axis	
Fiber Type	-	PM1310/1550 Panda Fiber, 10/125um PMDC Fiber (O) 12/130um PMDC Fiber (T), 20/130um PMDC Fiber (Q) 25/250um PMDC Fiber (R), 25/300um PMDC Fiber (G)	
Alignment	-	Slow Axis	
Fiber Tensile Load	N	5	
Max. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 30, 50, 60	
Max. Peak Power for pulse	kW	0.1, 1, 2, 3, 5, 10, 20	
Operating Temperature	°C	0~70	
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 -NxN - H NN P NN - C C NN - CC/CCC

Wavelength	Configuration	Average Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1550=1550nm	1X6=1X6 Type	03=300mW	01=100W	2=PM1310/1550 Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1590=1590nm	2X6=2X6 Type	1= 1W	1= 1kW	0=10/125 PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1310=1310nm		5=5W	5=5kW	T=12/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC =LC/PC Connector
CL=1550&1590nm		10=10W	10=10kW	R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector