1x32 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	1x32 or 2x32 or 4x32	
Center Wavelength		nm	1310, 1480, 1550, 1590	1550&1590
Bandwidth		nm	+/-30nm or customer specify	
Insertion Loss	Typ.	dB	17.8	18.8
	Max.	dB	19.6	21.0
Uniformity		dB	≤3.5	
Extinction Ratio	B Type	dB	≥16	
	F Type	dB	≥18	
Working Mode	B Type	dB	Can work both in Fast Axis and Slow Axis	
	F Type	dB	Can only work in Slow Axis and Fast Axis is blocked	
Optical Return Loss		dB	≥45	
Directivity		dB	≥45	
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)	
Fiber Tensile Load		N	5	
Maximum Average 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	0~50	
Storage Temperature		°C	-40~85	
Package Dimension		mm	^{L}160x^{W}160x^{H}20	

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. 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.

5. Package size may be different for different optical power fiber type and configurations.

Ordering Information (PN)

FPFM- NNNN - NxNN C -H NN P NN - C C NN -CC/CCC

Wavelength	Configuration	Type	Optical Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1310=1310nm	1X32=1X32 Type	B=B Type	1=1W	01=100W	2=PM1310/1550 Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1550=1550nm	2X32=2X32 Type	F=F Type	3= 3W	1= 1kW	0=10/125 PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1590=1590nm	4X32=4X32 Type		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