750~850nm High Power PM Filter Splitter Module

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	1x4 or 2x4 or 4x4	1x8 or 2x8 or 4x8
Center Wavelength		nm	750, 780, 793, 808, 830, 850	
Bandwidth		nm	+/-15nm or customer specify	
Insertion Loss	Typ.	dB	7.5	11.3
	Max.	dB	8.1	12.0
Uniformity		dB	≤1.0	≤1.2
Extinction Ratio	B Type	dB	≥18	≥16
	F Type	dB	≥20	
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	≥50	
Directivity		dB	≥50	≥45
Fiber Type		-	PM850 Panda Fiber or PM780-HP Fiber	
Fiber Tensile Load		N	5	
Max. Optical Power (CW)		W	1, 2, 3, 5, 10, 15, 20	
Operating Temperature		°C	0~50	
Storage Temperature		°C	-40~85	
Package Dimension		mm	$^{L}160x^{W}140x^{H}10$	$^{L}160x^{W}160x^{H}10$

Note: 1. Specifications are for device without connectors; Specifications may change without notice.

2. To add connectors, IL is 0.7dB 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- NNN - NxN (C) -HP NN - C C NN - CC/CCC

Wavelength	*Configuration*	*Type*	*Optical Power*	*Fiber Type*	*Fiber Sleeve*	*Fiber Length*	*Connector Type*
780=780nm	1X4=1X4 Type	B=B Type	1=1W	2= PM850 Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
793=793nm	1X8=1X8 Type	*Blank* for F Type	3=3W	7= PM780HP Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
808=808nm	2X4=2X4 Type		5=5W		2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
850=850nm	4X8=4X8 Type		10=10W		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector