750~850nm 1x6 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	Value
Center Wavelength	nm	750, 780, 793, 808, 830, 850
Bandwidth	nm	+/-15nm or customer specify
Configuration	-	1x6 or 2x6
Insertion Loss	dB	≤10.8
Uniformity	dB	≤1.8
Extinction Ratio	dB	≥18
Optical Return Loss	dB	≥50
Working Mode	-	Can only work in Slow Axis
Fiber Type	-	PM850 Panda Fiber or PM780-HP Fiber
Alignment	-	Slow Axis
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

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. 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- NNN - NxN - HPNN - C C NN - CC/CCC

Wavelength	*Configuration*	*Optical Power*	*Fiber Type*	*Fiber Sleeve*	*Fiber Length*	*Connector Type*
780=780nm	1X6=1X6 Type	1=1W	2= PM850 Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
793=793nm	2X6=2X6 Type	3=3W	7= PM780HP Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
808=808nm		5=5W		2= 2mm Cable	15=1.5m	LC/PC =LC/PC Connector
850=850nm		10=10W		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector