

## 900~950nm 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	1x4 or 2x4 or 4x4	1x8 or 2x8 or 4x8
Center Wavelength	nm	915, 930, 940, 950	
Bandwidth	nm	+/-15nm or customer specify	
Insertion Loss	Typ.	7.5	11.3
	Max.	8.1	12.0
Uniformity	dB	≤1.0	≤1.2
PDL	dB	≤0.20	
Optical Return Loss	dB	≥50	
Directivity	dB	≥50	≥45
Fiber Type	-	HI780 Fiber, HI1060 Fiber or 10/125um SC Fiber (E) 10/125um DC Fiber (O), 15/130um DC Fiber (W) 20/130um DC Fiber (Q) or 25/250um DC Fiber (R)	
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	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	mm	L100xW80xH10	

**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.

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)

FFFM - <b>NNN</b> - <b>NxN</b> -H <b>NN</b> <b>P NN</b> - ( <b>C</b> ) <b>C</b> <b>NN</b> - <b>CC/CCC</b>							
<i>Wavelength</i>	<i>Configuration</i>	<i>Average Power</i>	<i>Peak Power</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
915-915nm	1X4-1X4 Type	03-300mW	01-100W	H=HI1060 Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
930-930nm	1X8-1X8 Type	1- 1W	1- 1kW	E=10/125 SC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
940-940nm	2X4-2X4 Type	5- 5W	5- 5kW	R=25/250 DC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
950-950nm	4X8-4X8 Type	10-10W	10-10kW	Blank for HI780 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector