

## Filter Splitter Module for Pulse Power (1x4, 1x8, 2x4, 2x8, 4x4, 4x8)

### 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	1310, 1480, 1550, 1590, 1550&1590	
Bandwidth	nm	+/-30nm or customer specify	
Insertion Loss	Typ.	dB	7.0
	Max.	dB	10.5
Uniformity	Typ.	dB	7.5
	Max.	dB	11.0
PDL	dB	≤1.0	≤1.2
Optical Return Loss	dB	≤0.15	
Directivity	dB	≥50	
Fiber Type	-	SMF-28 Fiber or 10/130um DC Fiber (O) 12/130um DC Fiber (T) or 20/130um DC Fiber (Q) 25/250um DC Fiber (R) or 25/300um DC Fiber (G)	
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	L100xW80xH10	

**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.

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	- 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	1X4-1X4 Type	03-300mW	01-100W	O-10/130 DC Fiber	B- Bare Fiber	05-0.5m	N-Without Connector	
1590-1590nm	1X8-1X8 Type	1- 1W	1- 1kW	T-12/130 DC Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector	
1310-1310nm	2X4-2X4 Type	5- 5W	5- 5kW	R-25/250 DC Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector	
CL-1550&1590nm	4X8-4X8 Type	10-10W	10-10kW	Blank for SMF-28 Fiber	3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector	