

## 2000nm High Power 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	1900, 1950, 2000, 2050	
Bandwidth	nm	+/-20nm or customer specify	
Insertion Loss	Typ.	7.2	10.8
	Max.	7.8	11.5
Uniformity	dB	≤1.0	≤1.2
PDL	dB	≤0.20	
Optical Return Loss	dB	≥50	
Directivity	dB	≥50	≥45
Fiber Type	-	SMF-28 Fiber or SM1950 Fiber (V) 10/130um DC Fiber (O) or 25/250um DC Fiber (R)	
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	L160x <sup>W</sup> 140x <sup>H</sup> 10	

**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	-HP	NN	-	(C)		C		NN	-	CC/CCC
	Wavelength		Configuration		Optical Power		Fiber Type		Fiber Sleeve		Fiber Length		Connector Type
	1900-1900nm		1X4-1X4 Type		1-1W		V-SM1950 Fiber		B- Bare Fiber		05=0.5m		N-Without Connector
	1950-1950nm		1X8-1X8 Type		3-3W		O=10/130 DC Fiber		L- Loose Tube		10=1.0m		FC/APC=FC/APC Connector
	2000-2000nm		2X4-2X4 Type		5-5W		R=25/250 DC Fiber		2- 2mm Cable		15=1.5m		LC/PC=LC/PC Connector
	2050-2050nm		4X8-4X8 Type		10=10W		Blank for SMF-28 Fiber		3- 3mm Cable		20=2.0m		SC/UPC=SC/UPC Connector