

900~950nm 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	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. Optical Power (CW)	mW	300	
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. 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.

ORDERING INFORMATION (PN)

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