

900~990nm Multimode 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	915, 930, 940, 950 975, 980, 990, 1000	
Bandwidth	nm	+/-15nm or customer specify	
Insertion Loss	Typ.	7.8	11.2
	Max.	8.8	12.5
Uniformity	dB	≤1.5	≤2.0
Optical Return Loss	dB	≥35	
Directivity	dB	≥40	
Fiber Type	-	50/125um or 62.5/125um MM Fiber 50/125um MM OM3 Fiber 105/125um MM Fiber	
Fiber Tensile Load	N	5	
Max. Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 25, 30, 50, 60	
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 0.3dB higher, RL is 10dB lower.
 3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 4. Specifications are tested at low order modes.
 5. Devices for higher optical power or with other type fiber or consigned fiber are also available.
 6. Package size may be different for different optical power fiber type and configurations.

ORDERING INFORMATION (PN)

FMTM-	NNN	-	NxN	-HPNN	-	C	C	NN	-CC/CCC
<i>Wavelength</i>	<i>Configuration</i>		<i>Optical Power</i>		<i>Fiber Type</i>		<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
915-915nm	1X4-1X4 Type		1- 1W		5- 50/125um MM Fiber		B- Bare Fiber	05-0.5m	N-Without Connector
930-930nm	1X8-1X8 Type		5-5W		6- 62.5/125um MM Fiber		L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
975-975nm	2X4-2X4 Type		10- 10W		3- OM3 MM Fiber		2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
990-990nm	4X8-4X8 Type		30-30W		A- 105/125um, NA=0.22 B-105/125um, NA=0.15		3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector