

Multimode 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	1310, 1480, 1550, 1590, 1550&1590	
Bandwidth	nm	±30nm or customer specify	
Insertion Loss	Typ.	dB	7.8
	Max.	dB	11.2
Uniformity	Typ.	dB	8.8
	Max.	dB	12.5
Optical Return Loss	dB	≤1.5	
Directivity	dB	≥35	
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. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 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 0.3dB 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	- NNNN	- NxN	-H	NN	PNN	- 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	5- 50/125um MM Fiber	B- Bare Fiber	05-0.5m	N-Without Connector		
1590-1590nm	1X8-1X8 Type	1- 1W	1- 1kW	6- 62.5/125um MM Fiber	L- Loose Tube	10-1.0m	FC/APC-FC/APC Connector		
1310-1310nm	2X4-2X4 Type	10-10W	5- 5kW	3- OM3 MM Fiber	2- 2mm Cable	15-1.5m	LC/PC-LC/PC Connector		
CL-1550&1590nm	4X8-4X8 Type	30-30W	10-10kW	A- 105/125um, NA=0.22 B-105/125um, NA=0.15	3- 3mm Cable	20-2.0m	SC/UPC-SC/UPC Connector		