

High Power PM Fused Splitter Module (1x4, 1x8, 2x4, 2x8)

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, 2x4, 4x4	1x8, 2x8, 4x8
Center Wavelength	nm	1310, 1480, 1550, 1590	
Bandwidth	nm	+/-10	
Insertion Loss	Typ.	7.0	10.5
	Max.	7.5	11.0
Uniformity	dB	1.0	1.2
Extinction Ratio	dB	≥18	≥16
Optical Return Loss	dB	≥40	
Directivity	dB	≥45	
Fiber Type	-	PM1310/1550 Fiber or 10/125um PMDC Fiber	
Fiber Tensile Load	N	5	
Max. Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100	
Operating Temperature	°C	0~70	
Storage Temperature	°C	-40~85	
Package Dimension	mm	(L)160x(W)140x(H)10	(L)160x(W)160x(H)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, ER is 2dB Lower, Connector key is aligned to slow axis.
 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.

ORDERING INFORMATION (PN)

FPCM-	NNNN	- NxN	-HP NN	-(C)	C	NN	- CC/CCC
	Wavelength	Configuration	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
	1550-1550nm	1X4-1X4 Type	1- 1W	0-10/125PMD Fiber	B- Bare fiber	05-0.5m	N-Without Connector
	1310-1310nm	1X8-1X8 Type	2- 2W	Blank for PM1310/1550 Fiber	L- Loose Tube	10-1.0m	FC/APC-FC/APC Connector
	1590-1590nm	2X4-2X4 Type	10-10W		2- 2mm Cable	15-1.5m	LC/PC-LC/PC Connector
	1480-1480nm	2X8-2X8 Type	30-30W		3- 3mm Cable	20-2.0m	SC/UPC-SC/UPC Connector