

# 1x6/2x6 High Power PM Fused 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	1x6/2x6
Center Wavelength	nm	1310, 1480, 1550, 1590
Bandwidth	nm	+/-10
Insertion Loss	Typ.	9.5
	Max.	9.9
Uniformity	dB	1.6
Extinction Ratio	dB	≥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)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	1X6-1X6 Type	1- 1W	0-10/125PMDc Fiber	B- Bare fiber	05-0.5m	N-Without Connector
	1310-1310nm	2X6-2X6 Type	2- 2W	Blank for PM1310/1550 Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
	1590-1590nm		10-10W		2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
	1480-1480nm		30-30W		3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector