1600-1790nm PM Fused Splitter Module for Pulse Power (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	1625, 1650, 1700, 1730, 1750, 1790	
Bandwidth		nm	+/-10	
Insertion Loss	Typ.	dB	7.0	10.5
	Max.	dB	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		-	PM1550 Panda Fiber or PM1950 Fiber (V) 10/130um PMDC Fiber (O)	
Fiber Tensile Load		N	5	
Max. Average Optical Power		W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100	
Max. Peak Power for Pulse		kW	0.1, 1, 2, 3, 5, 10, 15, 20	
Operating Temperature		°C	0~50	
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 -H NN P NN - C C NN -CC/CCC

Wavelength	*Configuration*	*Average Power*	*Peak Power*	*Fiber Type*	*Fiber Sleeve*	*Fiber Length*	*Connector Type*
1600=1600nm	1X4=1X4 Type	03=300mW	01=100W	V= PM1950 Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1650= 1650nm	1X8=1X8 Type	1= 1W	1= 1kW	O=10/130 PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1700=1700nm	2X4=2X4 Type	10= 10W	5= 5kW	*Blank* for PM1550 Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1750=1750nm	2X8=2X8 Type	30=30W	10=10kW		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector