

2000nm 1x3 High Power PM 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	Value
Center Wavelength	nm	1900, 1950, 2000, 2050
Bandwidth	nm	+/-20nm or customer specify
Configuration	-	1x3
Split Ratio	%	33.3/33.3/33.3
Insertion Loss	dB	≤8.5
Uniformity	dB	≤1.0
Extinction Ratio	dB	≥18
Optical Return Loss	dB	≥50
Working Mode	-	Can only work in Slow Axis
Fiber Type	-	PM1550 Panda Fiber or PM1950 Fiber (V) 10/130um PMDC Fiber (O) or 25/250um PMDC Fiber (R)
Alignment	-	Slow Axis
Fiber Tensile Load	N	5
Max. Optical Power (CW)	W	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

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 - Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 - The devices can only work in slow axis and fast axis is blocked.
 - 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.
 - Package size may be different for different optical power fiber type and configurations.

ORDERING INFORMATION (PN)

FPFM-	NNNN	-	1X3	-	HP	NN	-	C	C	NN	-	CC/CCC
	Wavelength					Optical Power		Fiber Type	Fiber Sleeve	Fiber Length		Connector Type
	1900-1900nm					1-1W		2- PM1550 Fiber	B- Bare Fiber	05-0.5m		N-Without Connector
	1950- 1950nm					3-3W		V- PM1950 Fiber	L- Loose Tube	10-1.0m		FC/APC=FC/APC Connector
	2000- 2000nm					5-5W		O-10/130 PMDC Fiber	2- 2mm Cable	15-1.5m		LC/PC=LC/PC Connector
	2050- 2050nm					10-10W		R-25/250 PMDC Fiber	3- 3mm Cable	20-2.0m		SC/UPC=SC/UPC Connector