

900~950nm 1x5 PM 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	Value
Center Wavelength	nm	915, 930, 940, 950
Bandwidth	nm	+/-15nm or customer specify
Configuration	-	1x5
Split Ratio	%	Even Split
Insertion Loss	dB	≤9.9
Uniformity	dB	≤1.7
Extinction Ratio	dB	≥18
Optical Return Loss	dB	≥50
Working Mode	-	Can only work in Slow Axis
Fiber Type	-	PM850 Fiber, PM980 Fiber or PM1060L Fiber (E) 10/125um PMDC Fiber (O) or 15/130um PMDC Fiber (W) 20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)
Alignment	-	Slow Axis
Fiber Tensile Load	N	5
Max. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 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	L160x ^W 140x ^H 10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.7dB 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. The devices can only work in slow axis and fast axis is blocked.
 5. 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.
 6. Package size may be different for different optical power fiber type and configurations.

ORDERING INFORMATION (PN)

FPFM-	NNN	-1X5	-	H	NN	P	NN	-	C	C	NN	-	CC/CCC
	Wavelength				Average Power		Peak Power		Fiber Type	Fiber Sleeve	Fiber Length		Connector Type
	915-915nm				03-300mW		01-100W		2-PM850Fiber	B- Bare Fiber	05-0.5m		N-Without Connector
	930-930nm				1- 1W		1- 1kW		H-PM980 Fiber	L- Loose Tube	10-1.0m		FC/APC=FC/APC Connector
	940-940nm				5-5W		5-5kW		E-PM1060L Fiber	2- 2mm Cable	15-1.5m		LC/PC=LC/PC Connector
	950-950nm				10-10W		10-10kW		R-25/250 PMDC Fiber	3- 3mm Cable	20-2.0m		SC/UPC=SC/UPC Connector