975~1160nm 1x10 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	975, 980, 990, 1000 1020, 1030, 1040, 1053, 1064 1070, 1080, 1092, 1103, 1120, 1150
Bandwidth	nm	+/-20nm or customer specify
Configuration	-	1x10 or 2x10
Insertion Loss	dB	≤13.6
Uniformity	dB	≤1.8
Extinction Ratio	dB	≥18
Optical Return Loss	dB	≥50
Working Mode	-	Can only work in Slow Axis
Fiber Type	-	PM980 Fiber, PM1060L Fiber (E) or PM1060L-FA Fiber (L) 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. Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 30, 50, 60
Operating Temperature	°C	0~50
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 0.5dB 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 - NNNN - NxNN - HPNN - C C NN - CC/CCC

Wavelength	Configuration	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
975=975nm	1X10=1X10 Type	1=1W	2=PM980Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1030=1030nm	2X10=2X10 Type	3=3W	E=PM1060L Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1064=1064nm		5=5W	Q=20/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC =LC/PC Connector
1120=1120nm		10=10W	R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector