975~1160nm 1x64 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	1x64 or 2x64 or 4x64
Center Wavelength		nm	975, 980, 990, 1000 1020, 1030, 1040, 1053, 1064 1070, 1080, 1092, 1103, 1120, 1150
Bandwidth		nm	+/-20nm or customer specify
Insertion Loss	Typ.	dB	21.6
	Max.	dB	23.2
Uniformity		dB	≤4.0
Extinction Ratio	B Type	dB	≥16
	F Type	dB	≥18
Working Mode	B Type	dB	Can work both in Fast Axis and Slow Axis
	F Type	dB	Can only work in Slow Axis and Fast Axis is blocked
Optical Return Loss		dB	≥45
Directivity		dB	≥45
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)
Fiber Tensile Load		N	5
Maximum Optical Power (CW)		mW	300
Operating Temperature		°C	0~50
Storage Temperature		°C	-40~85
Package Dimension		mm	^{L}160x^{W}160x^{H}40

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. 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)

FPFM- NNNN - NxNN C - C C NN - CC/CCC

Wavelength	Configuration	Type	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
975=975nm	1X64=1X64 Type	B=B Type	2=PM980Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1030=1030nm	2X64=2X64 Type	F=F Type	E=PM1060L Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1064=1064nm	4X64=4X64 Type		Q=20/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1120=1120nm			R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector