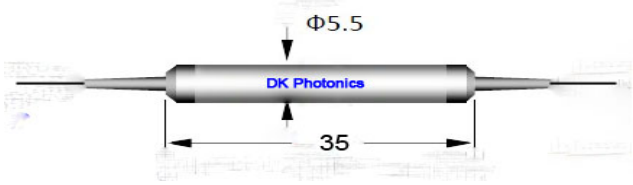




1064nm PM Bandpass Filter

The 1064nm PM Bandpass Filter is a micro optics device based on thin-film filter technology. It is used to block out unwanted noise signals in EDFAs and fiber laser systems. The components are characterized with high isolation, low insertion loss, high high return loss, excellent environmental stability and high power handling capability.



Features

- ◆ Low Insertion Loss
- ◆ High Isolation
- ◆ High Stability and reliability

Applications

- ◆ Fiber optic Amplifiers
- ◆ Fiber laser

Performance Specifications

Parameter	Specification		
Center Wavelength(nm)	1064		
Pass bandwidth @0.5dB down(nm)	>2	>5	>8
Stop bandwidth@25dB down(nm)	<20	<22	<25
Insertion Loss@1064±1nm(dB)	1.2	-	-
Insertion Loss@1064±2.5nm(dB)	-	0.8	-
Insertion Loss@1064±4nm(dB)	-	-	0.8
Isolation@1000~1058nm&1070~1100(dB)	25	-	-
Isolation@1000~1055nm&1075~1100(dB)	-	28	-
Isolation@1000~1050nm&1080~1100(dB)	-	-	32
Return Loss(dB)	>50		
Extinction Ratio (dB)	>20		
PDL(dB)	<0.1		
Operating Temperature(°C)	-5 - 75		
Storage Temperature(°C)	-40 - 85		
Fiber Type	PM980		
Power Handling (Max)(mW)	300		
Fiber Pigtail Length (m)	1meter		
Dimensions (mm)	Φ5.5×L35		

*The above specification is without connector

**For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

**Other specifications can be made on customer request.

Order information

PMBS-①①-②-③③-④④-⑤⑤

①①	②	③③	④④	⑤⑤
Wavelength	Pass Bandwidth	Fiber Diameter	Fiber Length	Connector
64:1064nm XX: Others	2:2nm 5:5nm 8:8nm	25:250um 90:900um XX: Others	05:0.5m 08:0.8m 10:1.0m XX:Others	00:None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC LP: LC/PC LA: LC/APC XX: Others