Advanced Fiber Resources (HK), Ltd.

Bandpass Filter
(BP Series)

SR9653

Description

The Bandpass Filter is a micro optics device based on environmentally stable 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 extinction ratio, excellent environmental stability and high power handling capability.

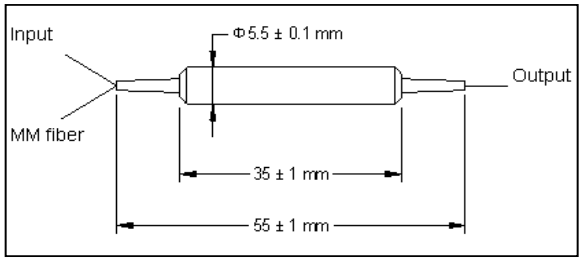
Specifications

Parameter	Unit	Value
Center Wavelength	nm	1080
Min.Filter Pass Band @ - 0.5 dB	nm	5
Max. Insertion Loss over pass band	dB	1.0
Wavelength suppression (1030 - 1070 & 1090 - 1150 nm)	dB	25
Max. Polarization Dependent Loss	dB	0.1
Min. Return Loss (For SM Fiber)	dB	50
Max. Optical Power (Continuous Wave)	W	5
Max. Tensile Load	N	5
Fiber Type	-	HI 1060 Fiber
Operating Temperature	℃	- 5 to + 70
Storage Temperature	℃	- 40 to + 85

[1]IL is 0.5 dB higher, RL is 5 dB lower for each connector added. Optical power will be 1 W only with connector added.

[2]MMF Port is to take out useless light.

Package Dimensions



Ordering Information

BP-①①①①-②-③-④-⑤, 5 W

①①①①: Wavelength
1080 - 1080 nm
SS - Specify

②: Pass Bandwidth
5 - 5 nm

③: Connector Type
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

④: Fiber Type
B - 250 μm Bare Fiber
L - 900 μm Loose Tube
S - Specify

⑤: Fiber Length
1 -1.0 m
S - Specify

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