



Multimode Fiber Bandpass Filter (MMBP Series)

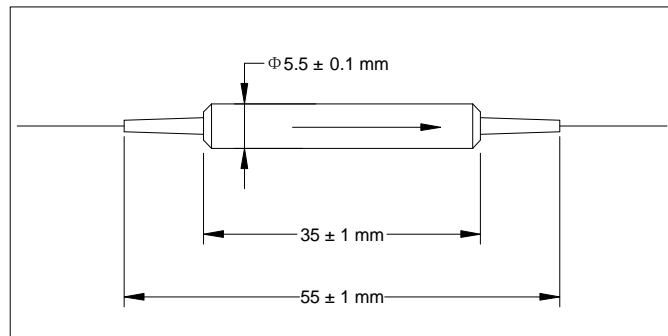
Rev 10

The Multimode Fiber Bandpass Filter is a micro optic device based on environmentally stable thin film filter technology. It is used to block out unwanted noise signals in multimode fiber communication systems. The components are characterized with high isolation, low insertion loss, high return loss, excellent environmental stability and high power handling capability.

Specifications

Parameter	Unit	Value
Pass Wavelength Range	nm	960 - 990
Max. Insertion Loss	dB	0.50
Typ. Insertion Loss	dB	0.35
Blocked Wavelength Range	nm	1020 - 1100
Min. Isolation	dB	30
Min. Return Loss	dB	30
Max. Polarization Dependent Loss	dB	0.10
Typ. Polarization Dependent Loss	dB	0.05
Thermal Stability	dB/°C	0.003
Max. Tensile Load	N	5
Fiber Type		Multimode fiber 105/125, NA =0.15 or 0.22
Operating Temperature	°C	0 to +70
Storage Temperature	°C	-40 to +85
Max. Input Power	W	20

Package Dimensions



Ordering Information

MMBP-①①①①-②-③-④-⑤-⑥

①①①①: Wavelength	②: Connector Type	③: Fiber Core	④: Fiber Type	⑤: Fiber length
9806 - 980 Pass/1060 Block	N - None	1 - 105 μm	B - 250 μm bare fiber	1 - 1.0 m
SSSS - Specify		S - Specify	L - 900 μm loose tube	S - Specify
			S - Specify	

⑥:N.A. of Fiber Core

1 - 0.15

2 - 0.22