

1025nm Multimode Gaussian Bandpass Filter

FEATURES

- ☑ High Isolation
- ☑ Low Insertion Loss
- ☑ High Reliability and Stability
- ☑ Various Bandwidth
- ☑ High Optical Power

APPLICATIONS

- ☑ Broadband Systems
- ☑ Optical Amplifying Systems
- ☑ Telecommunication Networks
- ☑ Laser Systems
- ☑ Research Labs



SPECIFICATIONS

Parameters	Unit	Value	
Center Wavelength	nm	1025	
Insertion Loss at Center Wavelength	dB	≤1.2	
FWHM (Standard)	nm	~11	
Stop Wavelength (ASE)	nm	995~1012&1038~1055	
Stop Wavelength (ASE) Standard	dB	≥25	
Isolation High Isolation			
ASE Direction	-	F: Forward, B: Backward, T: Two-way	
Configuration	-	D: 2-port, Y: 3-port, X: 4-port	
Optical Return Loss	dB	≥30	
Fiber Type	Input&Output	50/125um (OM2) or 62.5/125um (OM1) MM Fiber 50/125um OM3 MM Fiber (3) or OM4 MM Fiber(4) 105/125um MM Fiber, NA=0.12(C), 0.15(B), 0.22(A)	
	ASE Guide Out (Y/X Type)	Same Fiber	
Fiber Tensile Load	N	5	
Max. Optical Power (CW, ASE+Signal)	mW	300	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube (SST)	mm	∅5.5x ^L 35
	Metal Box	mm	^L 120x ^W 12x ^H 10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 5dB lower.
 3. Specifications are tested at low order modes.
 4. FWHM for high isolation type will change to Bandwidth@~6nm.
 5. Devices for higher optical power or with other type fiber or consigned fiber are also available.
 6. Package size may be different for different optical power and configurations.

ORDERING INFORMATION (PN)

FMGP-1025-NNN	(C)	(C)	-	(C)	(C)	-(C)	C	C	NN	-CC/CCC
<i>FWHM</i>	<i>ASE Type</i>	<i>ASE Iso</i>	<i>Fwd ASE Fiber</i>	<i>Dwd ASE Fiber</i>	<i>Package</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>	
110~11nm	B=Backward T=Two-way Blank for Forward	I=High Isolation Blank for Standard	Y=Same Fiber N=None Blank for D Type	Y=Same Fiber Blank for None/D Type	M=Metal Box Blank for SST	5= 50/125um MM Fiber 6= 62.5/125um MM Fiber 3= OM3 MM Fiber A= 105/125um, NA=0.22 B=105/125um, NA=0.15	B= Bare fiber L= Loose Tube 2= 2mm Cable 3= 3mm Cable	05=0.5m 10=1.0m 15=1.5m 20=2.0m	N=Without Connector FC/APC=FC/APC Connector LC/PC=LC/PC Connector SC/UPC=SC/UPC Connector	