

Band-pass Filter

Features

Low insertion loss
High extinction ratio and return loss
Excellent environmental stability

Application

Fiber laser
Erbium doped fiber amplifiers
Optical fiber sensing

Specifications

Parameter	Unit	Value
Central wavelength	nm	1550,1064,1030 or Specified
Minimum channel Bandwidth(@-0.5dB)	nm	2,5,8,15 or Specified
Minimum cut-off bandwidth(@-25dB)	nm	Specified
Maximum insertion loss @ pass band	dB	0.8
Minimum extinction ratio23℃(Polarization-maintaining fiber type)	dB	20
Maximum polarization dependent loss@23℃(Single mode fiber type)	dB	0.15
Minimum return loss	dB	50
Maximum bearing power(CW)	W	0.5,1,5, 10, 20 or Specified
Peak power of the maximum ns pulse	kW	10 or Specified
Maximum tensile load	N	5
Operating temperature	℃	0~+70
Storage temperature	℃	-40~+85

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

Package dimensions



Maximum input power: 5W



Maximum input power: 20W

Ordering information

PMBPF-①①①①-②②-③-④④④-⑤-⑥-⑦-⑧⑧-⑨ /BPF-①①①①-②②-③-④④④-⑤-⑥-⑦-⑧⑧-⑨

①①①①:Wavelength

0698=T1064nm/R980nm
0698=T1064nm/R980nm
SSSS=Specify

②②

Bandwidth
02=2nm
10=10nm
SS=Specified

③:Working axis

B=Both axis working
F=Fast axis blocked
N=Non-PM

④④④:Fiber type

001=PM1550
003=PM980
SSS=Specify

⑤:Package dimensions

0= φ5.5x35mm
1=70x12x8mm
S=Specify

⑥:Pigtail type

1=250um bare fiber
2=900um loose tube
S=Specify

⑦:Length

H=0.5m
1= 1.0m
S=Specify

⑧⑧:Power

01=1W
20=20W
SS=Specify

⑨:Connector

0=None
1=FC/UPC
2=FC/APC
S=Specify