

## 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

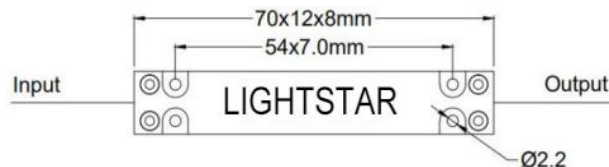
| Parameter                                                        | Unit | Value                        |
|------------------------------------------------------------------|------|------------------------------|
| Central wavelength                                               | nm   | 1550,1064,1030 or Specified  |
| Minimum channel Bandwidth(@-0.5dB)                               | nm   | 2,5,8,15 or Specified        |
| Minimum cut-off bandwidtht(@-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=1 W  
20=20W  
SS=Specify

⑨:Connector

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