

980nm Band-pass Filter

Features

Low insertion loss
High extinction ratio and Isolation
Excellent environmental stability

Application

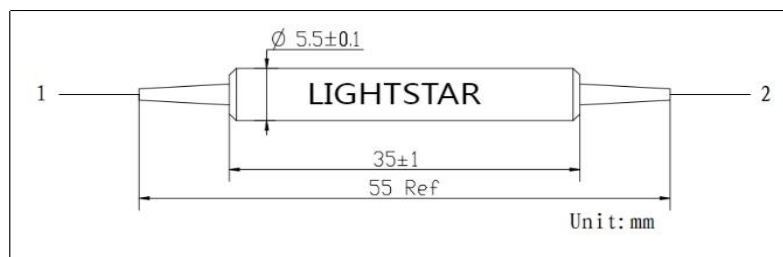
Fiber laser
Optical fiber amplifier

Specifications

Parameter	Unit	Value
Central wavelength	nm	980
Maximum insertion loss	dB	0.8
Attenuation band	nm	1520-1620
Attenuation band Isolation	dB	30
Polarization dependent loss	dB	0.1
Optical reflection loss	dB	50
Maximum power(CW)	mW	500
Tensile load	N	5
Fiber type		Corning HI 1060 Fiber
Operating temperature	℃	-5 to +70
Storage temperature	℃	-40 to +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



Ordering information

BPF-①①①①-②②-③③-④④④-⑤-⑥-⑦-⑧

①①①①: Wavelength
0980=980nm
SSSS=Specify

②②: Pass Bandwidth
02=2nm
05=5nm
SS=Specify

③③: Stop bandwidth
RW=1520-1620
SS=Specify

④④④: Fiber type
004=HI1060

⑤: Package dimensions
0= 5.5x35mm(≤5W)
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

⑧: Connector type
0=None
1=FC/UPC
2=FC/APC
S=Specify