Band Pass Pump Filter - 981nm, Passband 2nm

| Rev A | 2026-11

Features

- Low Insertion Loss
- Wide Stop Band
- High Isolation
- High Stability and Reliability

Applications

- Photonics and Sensing
- Phototherapy and Laser Surgery
- Optical Fiber Amplifiers
- Laser Cutting / Welding / Marking

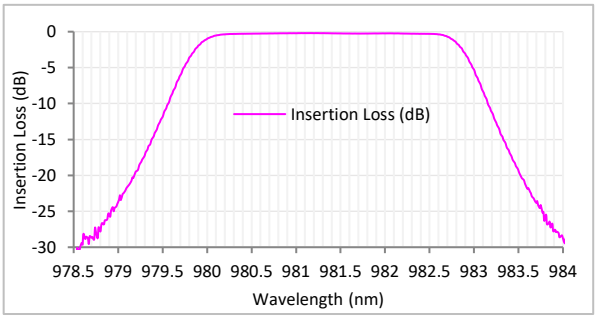
RoHS Reach

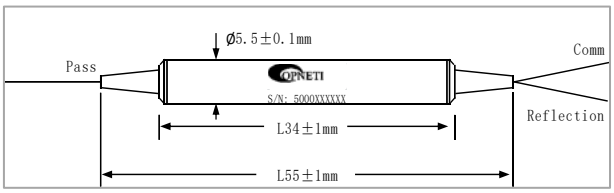
Specifications

Parameters	Unit	Values
Operation Wavelength Range	nm	900~1100
Center Wavelength	nm	981
Passband Width (at 1 dB)	nm	2
1 dB Pass Wavelength Range	nm	980~982
3 dB Pass Wavelength Range	nm	979.83~982.90
Pass Wavelength Range tolerance	nm	±0.1
Stop Wavelength Range	nm	900~978 and 983~1000
Pass Insertion Loss	dB	≤0.8
Stop Band Isolation	dB	≥25
PDL	dB	≤0.15
Return Loss (SMF/MMF)	dB	≥50/30
Max Power Handling (CW)	mW	500
Fiber Type	--	MMF50/125, SMF-28e, HI1060, HI1060Flex
Operating Temperature	℃	-0~+70
Storage Temperature	℃	-40~+85
Dimensions	mm	φ5.5×L34

* *For devices with connectors, IL+0.3dB, RL-5dB. Higher power handling available on request.

Typical Spectrum





Ordering Information

BPF- ①①①-②②②-③-④④④-⑤⑤-⑥-⑦⑦

①	Port Type	1x2; 1x1 (no reflection port);
②	Pass Wavelength	981;
③	Pass Band Width	2=2nm;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑤	Fiber Type	O2=MMF50/125; 1=SMF-28e; 4=HI1060; 8=HI1060Flex;
⑥	Length	1=1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;