

In Line Fixed Optical Attenuator (FOA)

Features

- Wide Operation Wavelength Range
- Low PDL
- High Stability and Reliability

Applications

- Communications System
- Metro/Access
- Test Instrument



Specifications

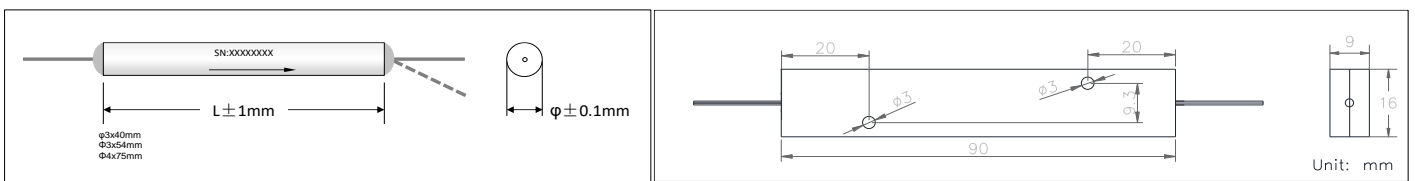
Parameters	Unit	Values
Operating Wavelength	nm	780, 850, 980, 1064, 1310, 1550, 1950, 2000, 2050
Operating Wavelength Bandwidth	nm	±50
Attenuation Range	dB	1, 3, 5, 7, 10, 15, 20, 30
Attenuation Precision	dB	±10% Attenuation Value
Attenuation Thermal Stability	dB/°C	≤0.002
Polarization Dependent Loss (PDL)	dB	≤0.2
Fiber Type		HI780, HI1060, HI1060Flex, SMF-28e, SM1950
Fiber Length	m	1
Return Loss (RL)	dB	≥50
Max Power Handling CW	W	0.5, 1, 3, 5, 10
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85

*For devices with connectors, IL+0.3dB, RL-5dB.

Package Information

Port Configuration	1x1, 1x2*		
Fiber Length	1m		
Pigtail Type	250µm Bare Fiber	900µm Loose Tube	2mm/3mm Loose Cable
Dimensions(mm)	φ3x40, φ3x54	φ3x54	φ4x75, 90x16x9
Approx Weight (g)	20	25	35

*1x2 package is for high-power attenuator, there are two outputs, one of which is used to export useless light.



Ordering Information

FOA- ①-②②②-③-④④④-⑤-⑥-⑦⑦-⑧⑧⑧⑧-⑨⑨⑨⑨

①	Type	I=In Line;
②	Wavelength	780; 850; 980; 1064; 1310; 1550; 1950; 2000; 2050;
③	Attenuation	1=1; 3=3; 5=5; 10=10; 15=15; 20=20; XX: Specify;
④	Pigtail Type	250=250µm Fiber; 900=900µm Loose Tube; 2000=2mm Loose Cable; 3000=3mm Loose Cable;
⑤	Fiber Type	7=HI780; 4=HI1060; 8=HI1060Flex; 1=SMF-28e; S9=SM1950;
⑥	Length	1=1m; X=Other;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;
⑧	Package	3x40; 3x54; 4x75; 90x16x9;
⑨	Power Handling	0.5W; 1W; 3W; 5W; 10W;