

# PM Fixed Optical Attenuator (PMFOA)

## Features

- High Precision
- Excellent Stability and Reliability

## Applications

- Optical Communications Systems
- CATV Networks

## Specifications

Parameters	Unit	Plug Type	In Line Type
Center Wavelength	nm	780, 850, 980, 1064, 1310, 1550	
Operating Wavelength Range	nm	±10	
Attenuation Range	dB	1, 3, 5, 7, 10, 15, 20, 30	
Attenuation Precision	dB	±10% Attenuation Value	
Extinction Ratio	dB	≥20 for 980, 1064, 1310, 1550nm	
		≥18 for 780, 850nm	
Working Axis	---	Both Axis Working	
Return Loss	dB	≥55	
Power Handling CW	W	1	1, 3, 5, 10, 20
Fiber Type		PM Fiber	
Operating Temperature	°C	-40 ~ +85	
Storage Temperature	°C	-40 ~ +85	

\*For devices with connectors, RL=5dB, ER=2dB.



## Ordering Information

**PMFOA-** ①-②②②-③-④④④-⑤-⑥⑥⑥-⑦⑦-⑧⑧⑧⑧

①	Type	I=In Line;
②	Wavelength	780; 850; 980; 1064; 1310; 1550;
③	Attenuation	1=1dB; 3=3dB; 5=5dB; 10=10dB; 20=20dB; XX=Specify;
④	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
⑤	Fiber Type	5=Panda Fiber;
⑥	Length	0.8=0.8m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑧	Packing Size	3x40; 3x56; 4x75; 90x16x9;

**PMFOA-** ①-②②②-③-④④

①	Type	P=Plug;
②	Wavelength	780; 850; 980; 1064; 1310; 1550;
③	Attenuation	1=1dB; 3=3dB; 5=5dB; 10=10dB; 20=20dB; XX=Specify;
④	Connector	FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;