

PM Fiber Fixed Optical Attenuator

Features	
Low Excess loss High Extinction Ratio High stability and reliability	
Application	
Optical Amplifier, Power Monitoring Coherent Communication Fiber Sensor	

Specification

Parameter	P grade	A grade	P grade	A grade
Central Wavelength (nm)	1310, 1550		980,1064	
Bandwidth (nm)	+/-15			
Excess Loss (dB)	≤0.3	≤0.4	≤0.4	≤0.6
ER (dB)	≥20	≥18	≥20	≥18
Directivity (dB)	≥55			
Operating Temperature(°C)	-40 ~ +85			

IL Tolerance	P grade	A grade
1	±0.1	±0.2
2	±0.2	±0.3
3	±0.3	±0.4
5	±0.7	±0.8
10	±1.0	±1.2
15	±1.8	±2.2
20	±2.5	±3.0

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis.

Package Information

Configuration	1x1	
Fiber length	0.8m, others on request	
Fiber Type	Panda fiber	
Pigtail type	250µm bare fiber	900µm loose tube
Dimensions(mm)	Φ4x75	Φ4x75

Ordering Information

PMFOA	Grade	Port Type	Wavelength (nm)	Attenuation Value	Pigtail Type	Fiber Type	Length	Connector	Package
	P A	1x1	980 1064 1310 1550	1=1dB 2=2dB 20=20dB	250=250um bare fiber 900=900um loose tube 2000=2mm loose tube 3000=3mm loose tube	5=Panda fiber	0.8= 0.8m X:other	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC XX=Other	4x75 90x14 x8.5