

## 980-1150nm High Power PM Inline Type Fixed Attenuator

### FEATURES

- High Precision
- Variety Attenuation
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

### APPLICATIONS

- LAN WAN Systems
- Signal Monitoring
- Network Monitoring
- CATV
- Test Equipment



### SPECIFICATIONS

Parameter	Unit	Value	
Center Wavelength	nm	975, 980, 990, 1000 1020, 1030, 1040, 1053, 1064 1070, 1080, 1092, 1103, 1120	
Bandwidth	dB	+/-10	
Attenuation Range	dB	0~30dB	
Standard Attenuation Value	dB	3, 5, 10, 15, 20	
Attenuation Tolerance	<5dB	dB	+/-0.5
	≥5dB	%	+/-10%
Optical Return Loss	dB	≥45	
Extinction Ratio	dB	≥18	
Configuration	D Type	-	2-port
	Y Type	-	3-port, attenuated power guide out
Fiber Type	-	PM980 Panda Fiber or PM1060L Fiber (E) 10/125um PMDC Fiber (O)	
Fiber Tensile Load	N	5	
Maximum Thru Optical Power (CW)	W	1, 2, 3, 5, 10	
Max. Attenuated Optical Power (CW)	W	2	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube	mm	Φ3.0x60 (Bare Fiber) Φ3.0x76 (900um Loose Tube)
	Metal Box-M		L120x <sup>W</sup> 12x <sup>H</sup> 10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
  3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  4. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.
  5. Package size may be different for different optical power and fiber type.

### ORDERING INFORMATION (PN)

PIAP-	NNNN	-	NN	(C)	-HPNN	-(C)	(C)	C	NN	-	CC/CCC
Center Wavelength	Attenuation		Configuration	Optical Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type		
1064-1064nm	01- 1dB		Y-Y Type	1- 1W	M= Metal Box	E=PM1060L Fiber	B= Bare fiber	05-0.5m	N=Without Connector		
1053-1053nm	05- 5dB		Blank for D Type	2-2W	Blank for SSL Tube	O=10/125PMD Fiber	L= Loose Tube	10-1.0m	FC/APC=FC/APC Connector		
1030-1030nm	15- 15dB			5- 5W		Blank for PM980 Fiber	2= 2mm Cable	15-1.5m	LC/PC=LC/PC Connector		
980-980nm	30- 30dB			10-10W			3= 3mm Cable	20-2.0m	SC/UFC=SC/UFC Connector		

