

## 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	1310, 1480, 1550, 1570, 1590	
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	-	PM1310/1550 Panda Fiber or 10/125um PMDC Fiber	
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	0~70	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube	mm	Φ3.0x60 (Bare Fiber) Φ3.0x76 (900um Loose Tube)
	Metal Box-M		L120xW12xH10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.3dB 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)	-HP NN	- (C)	(C)	C	NN	- CC/CCC
Center Wavelength	Attenuation	Configuration	Optical Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1310-1310nm	01-1dB	Y-Y Type	1-1W	M-Metal Box	0-10/125PMDC Fiber	B- Bare fiber	05-0.5m	N-Without Connector
1480-1480nm	05-5dB	Blank for D Type	2-2W	Blank for SSL Tube	Blank for PM1310/1550 Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
1550-1550nm	15-15dB		5-5W			2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
1590-1590nm	30-30dB		10-10W			3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector