

980~1150nm PM Inline Type Fixed Attenuator for Pulse Power

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 Average Power	W	0.3, 0.5, 1, 2, 3, 5, 10	
Max. Peak Power for Pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20	
Max. Attenuated Average Power	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 ^W 12x ^H 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-	N N N N	- N N	(C) -H	N N	P N N	-(C)	(C)	C	N N	- CC/CCC
Center Wavelength	Attenuation	Configuration	Average Power	Peak Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type	
1064-1064nm	01- 1dB	Y-Y Type	03-300mW	01-100W	M-Metal Box	E-PM1060L Fiber	B- Bare fiber	05-0.5m	N-Without Connector	
1053-1053nm	05- 5dB	Blank for D Type	1- 1W	1- 1kW	Blank for SSL Tube	O-10/125PMDC Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector	
1030-1030nm	15- 15dB		5- 5W	5- 5kW		Blank for PM980 Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector	
980-980nm	30- 30dB		10-10W	10-10kW			3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector	