

980~1150nm 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	
Configuration	D Type	-	2-port
	Y Type	-	3-port, attenuated power guide out
Fiber Type	-	HI1060 Fiber or HI1060 Flex Fiber (F) 10/125um SC Fiber (E) or 10/125um DC 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 (SST)	mm	φ3.0x60 for Bare Fiber
			φ3.0x76 for 900um Loose Tube
	Metal Box	L120x ^W 12x ^H 10 for 2mm/3mm Cable	

- 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.
 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)

PIAT-NNNN	- NN	(C)	-H NN	PNN	-(C)	(C)	C	NN	-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	F- HI1060 Flex Fiber	B- Bare fiber	05-0.5m	N-Without Connector
1053-1053nm	05- 5dB	Blank for D Type	1- 1W	1- 1kW	Blank for SST	E- 10/125SC Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
1030-1030nm	10- 10dB		5- 5W	5- 5kW		O- 10/125DC Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
980-980nm	15- 15dB		10-10W	10-10kW		Blank for HI1060 Fiber	3- 3mm Cable	20-2.0m	SC/UFC=SC/UFC Connector