

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	1310, 1480, 1550, 1590, 1310&1550	
Bandwidth	dB	+/-20	
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	-	SMF-28 Fiber or 10/130um DC Fiber	
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	0~70	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube	mm	Φ3.0x54
	Plastic Box		L98x ^W 14x ^H 8.5

- 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.
 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	P NN	- (C)	(C)	C	NN	- CC/CCC
Center Wavelength	Attenuation	Configuration	Average Power	Peak Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1310-1310nm	01- 1dB	Y-Y Type	03-300mW	01-100W	B-Plastic Box	0-10/130DC Fiber	B- Bare fiber	05-0.5m	N-Without Connector
1480-1480nm	05- 5dB	Blank for D Type	1- 1W	1- 1kW	Blank for SSL Tube	Blank for SMF-28 Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
1550-1550nm	10- 10dB		5- 5W	5- 5kW			2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
1315-1310&1550nm	15- 15dB		10-10W	10-10kW			3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector