

## 2000nm 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	1900, 1950, 2000, 2050	
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 SM1950 Fiber (V) 10/130um DC Fiber (O)	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	mW	300	
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 <sup>W</sup> 12x <sup>H</sup> 10 for 2mm/3mm Cable	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.3dB higher, RL is 5dB lower.
  3. 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.
  4. Package size may be different for different optical power and fiber type.

### ORDERING INFORMATION (PN)

PIAT-	NNNN	-	NN	(C)	-(C)	(C)	C	NN	-	CC/CCC
Center Wavelength	Attenuation	Configuration	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type			
1900-1900nm	01- 1dB	Y-Y Type	M-Metal Box	V-SM1950 Fiber	B- Bare fiber	05-0.5m	N-Without Connector			
1950-1950nm	05- 5dB	Blank for D Type	Blank for SST	O-10/130 DC Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector			
2000-2000nm	15- 15dB			Blank for SMF-28 Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector			
2050-2050nm	30- 30dB				3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector			