

2000nm High Power 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 Thru Optical Power (CW)	W	1, 2, 3, 5, 10	
Max. Attenuated Optical Power (CW)	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	L120xW12xH10 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. 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)	HPNN - (C)	(C)	C	NN	- CC/CCC			
Center Wavelength	Attenuation	Configuration	Optical Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1900-1900nm	01- 1dB	Y-Y Type	1- 1W	M-Metal Box	V-SM1950 Fiber	B- Bare fiber	05-0.5m	N-Without Connector
1950-1950nm	05- 5dB	Blank for D Type	2-2W	Blank for SST	O-10/130 DC Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
2000-2000nm	10- 10dB		5- 5W		Blank for SMF-28 Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
2050-2050nm	15- 15dB		10-10W			3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector