

750~890nm 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	750, 780, 793, 808, 830, 850	
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	-	HI780 Fiber or 780-HP Fiber	
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 0.7dB 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-	NNN	-	NN	(C)	-HP NN	- (C)	(C)	C	NN	-CC/CCC
Center Wavelength	Attenuation		Configuration	Optical Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type	
850-850nm	01- 1dB		Y-Y Type	1- 1W	M-Metal Box	7-780HP Fiber	B- Bare fiber	05-0.5m	N-Without Connector	
830-830nm	05- 5dB		Blank for D Type	2-2W	Blank for SST	Blank for HI780 Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector	
808-808nm	10- 10dB			5- 5W			2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector	
780-780nm	15- 15dB			10-10W			3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector	