

750~890nm 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 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 ^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 0.7dB 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-	NNN	-	NN	(C)	-(C)	(C)	C	NN	-	CC/CCC
Center Wavelength	Attenuation		Configuration	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type		
850-850nm	01- 1dB		Y-Y Type	M-Metal Box	7-780HP Fiber	B- Bare fiber	05-0.5m	N-Without Connector		
830-830nm	05- 5dB		Blank for D Type	Blank for SST	Blank for HI780 Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector		
808-808nm	15- 15dB					2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector		
780-780nm	30- 30dB					3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector		