

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	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 Optical Power (CW)	W	1, 2, 3, 5, 10	
Max. Attenuated Optical Power (CW)	W	2	
Operating Temperature	°C	0~70	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube	mm	Φ3.0x54
	Plastic Box		L98xW14xH8.5

- 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)	-HP NN	- (C)	(C)	C	NN	-CC/CCC
Center Wavelength	Attenuation		Configuration	Optical Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type	
1310= 1310nm	01= 1dB		Y-Y Type	1= 1W	B=Plastic Box	O=10/130DC Fiber	B= Bare fiber	05=0.5m	N=Without Connector	
1480=1480nm	05= 5dB		Blank for D Type	2=2W	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			2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector	
1315= 1310&1550nm	15= 15dB			10=10W			3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector	