

980~1150nm 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	975, 980, 990, 1000	
		1020, 1030, 1040, 1053, 1064	
		1070, 1080, 1092, 1103, 1120	
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	-	HI1060 Fiber or HI1060 Flex Fiber (F) 10/125um SC Fiber (E) or 10/125um 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	L120x ^W 12x ^H 10 for 2mm/3mm Cable	

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.5dB higher, RL is 5dB lower.
 - Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 - 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.
 - 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	
1064-1064nm	01- 1dB		Y-Y Type	1- 1W	M-Metal Box	F- HI1060 Flex Fiber	B- Bare fiber	05-0.5m	N-Without Connector	
1053-1053nm	05- 5dB		Blank for D Type	2-2W	Blank for SST	E- 10/125SC Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector	
1030-1030nm	10- 10dB			5- 5W		O- 10/125DC Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector	
980-980nm	15- 15dB			10-10W		Blank for HI1060 Fiber	3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector	