2000nm Inline Type Fixed Attenuator for Pulse Power

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 Average Power		W	0.3, 0.5, 1, 2, 3, 5, 10
Max. Peak Power for Pulse		kW	0.1, 1, 2, 3, 5, 10, 15, 20
Max. Attenuated Average Power		W	2
Operating Temperature		°C	0~50
Storage Temperature		°C	-40~85
Package Dimension	Stainless Steel Tube (SST)	mm	ΦΦ3.0x60 for Bare Fiber
			ΦΦ3.0x76 for 900um Loose Tube
	Metal Box		LL120xWW12xHH10 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) -H NN P NN - (C) (C) C NN -CC/CCC

Center Wavelength	Attenuation	Configuration	Average Power	Peak Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1900=1900nm	01= 1dB	Y=Y Type	03=300mW	01=100W	M=Metal Box	V=SM1950 Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1950=1950nm	05= 5dB	*Blank* for D Type	1= 1W	1= 1kW	*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	5= 5kW		*Blank* for SMF-28 Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
2050=2050nm	15= 15dB		10=10W	10=10kW			3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector