

460-690nm 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	460, 488, 520, 532	635, 650, 660, 690
Bandwidth	dB	+/-5	
Attenuation Range	dB	0~30dB	
Standard Attenuation Value	dB	3, 5, 10, 15, 20	
Attenuation Tolerance	≤10 dB	dB	+/-1
	>10 dB	%	+/-10%
Optical Return Loss	dB	≥40	
Fiber Type	-	460-HP Fiber	630-HP Fiber
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	mW	30	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube (SST)	mm	∅3.0x60 for Bare Fiber
			∅3.0x76 for 900um Loose Tube
	Metal Box-M		L120xW12xH10 for 2mm/3mm Cable

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 1.3dB higher, RL is 5dB lower.
 3. Devices for higher optical power or with other type fiber or consigned fiber are also available.

ORDERING INFORMATION (PN)

PIAT -	NNN	-	NN	(C)	-	(C)	C	NN	-CC/CCC
<i>Center Wavelength</i>			<i>Attenuation</i>	<i>Configuration</i>		<i>Package</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
488-488nm			01-1dB	Y-Y Type		M-Metal Box	B-Bare fiber	05-0.5m	N-Without Connector
532-532nm			05-5dB	Blank for D Type		Blank for SST	L-Loose Tube	10-1.0m	FC/APC=FC/APC Connector
635-635nm			15-15dB				2-2mm Cable	15-1.5m	LC/PC=LC/PC Connector
690-690nm			30-30dB				3-3mm Cable	20-2.0m	SC/UFC=SC/UFC Connector