

750~860nm High Power PM 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	
Extinction Ratio	dB	≥18	
Configuration	D Type	-	2-port
	Y Type	-	3-port, attenuated power guide out
Fiber Type	-	PM850 Panda Fiber or PM780-HP 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	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube	mm	Φ 3.0x60 (Bare Fiber) Φ 3.0x76 (900um Loose Tube)
	Metal Box-M		L 120x W 12x H 10

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.7dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 - 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)

PIAP -	NNN	-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	
850-850nm	01- 1dB	Y-Y Type	1- 1W	M-Metal Box	7-PM780HP Fiber	B- Bare fiber	05-0.5m	N-Without Connector	
830-830nm	05- 5dB	Blank for D Type	2-2W	Blank for SSL Tube	Blank for PM850 Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector	
808-808nm	15- 15dB		5- 5W			2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector	
780-780nm	30- 30dB		10-10W			3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector	