

750~860nm PM Inline Type Fixed Attenuator

FEATURES

- High Precision
- Variety Attenuation
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks
- Laser Systems
- Research Labs



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 Optical Power (CW)	mW	300	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube	mm	Φ3.0x60 (Bare Fiber)
	Metal Box-M		Φ3.0x76 (900um Loose Tube)
			L120x ^W 12x ^H 10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.7dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. 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.
 4. Package size may be different for different optical power and fiber type.

ORDERING INFORMATION (PN)

PIAP-	NNN	-	NN	(C)	-(C)	(C)	C	NN	-CC/CCC
	Center Wavelength		Attenuation	Configuration	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
	850-850nm		01- 1dB	Y-Y Type	M-Metal Box	7-PM780HP Fiber	B- Bare fiber	05-0.5m	N-Without Connector
	830-830nm		05- 5dB	Blank for D Type	Blank for SSL Tube	Blank for PM850 Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
	808-808nm		15- 15dB				2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
	780-780nm		30- 30dB				3- 3mm Cable	20-2.0m	SC/UFC=SC/UFC Connector