PM 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	1310, 1480, 1550, 1570, 1590
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		-	PM1310/1550 Panda Fiber or 10/125um PMDC Fiber
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	0~70
Storage Temperature		°C	-40~85
Package Dimension	Stainless Steel Tube	mm	$^{\Phi}$3.0x60 (Bare Fiber) $^{\Phi}$3.0x76 (900um Loose Tube)
	Metal Box-M		^{L}120x^{W}12x^{H}10

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, ER is 2dB Lower, Connector key is aligned to slow axis.
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)

PIAP- 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
1310= 1310nm	01= 1dB	Y=Y Type	03=300mW	01=100W	M=Metal Box	0=10/125PMDC Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1480=1480nm	05= 5dB	*Blank* for D Type	1= 1W	1= 1kW	*Blank* for SSL Tube	*Blank* for PM1310/1550 Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1550= 1550nm	15= 15dB		5= 5W	5= 5kW			2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1590=1590nm	30= 30dB		10=10W	10=10kW			3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector