

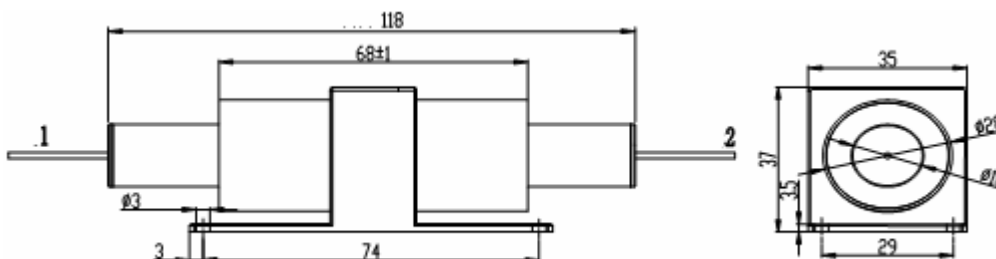
PM Isolator (850nm)

Features	
Wide Operating Wavelength High isolation & High ER Low insertion loss High stability and reliability	
Application	
Fiber Amplifier Fiber sensing Testing instruments	

Specifications

Parameter	850nm PM Isolator	
Center wavelength λ_c (nm)	850	
Bandwidth(nm)	± 10	
Peak isolation (dB)	32	
Isolation at 23°C (dB)	≥ 25	
Insertion Loss at 23°C (dB)	≤ 1.0 typ 0.6	
ER(dB)	Type 1 (fast axis blocked)	≥ 22
	Type 2 (both of axis working)	≥ 20
Return loss (Input/output) (dB)	$\geq 50/50$	
Power handling (mW)	≤ 300	
Fiber Type	Panda Fiber	
Operating temperature (°C)	0 ~ +60	
Storage temperature (°C)	-20 ~ +75	
Package(mm)	118x37x35	

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis.

Package Dimensions:

Ordering Information

PMIS	Wavelength	Working axis	Pigtail Type	Fiber Type	Length	Package
	850	1= Fast axis blocked 2= both of axis working	900=900um loose tube 3000=3mm loose tube	5=Panda fiber	0.8= 0.8m	118x37x35