

Product features

- High isolation ratio
- Low insertion loss
- High return loss
- Low polarization dependent loss
- No plastic optical path

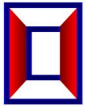


Application

- Fiber amplifier
- Fiber optic cable TV network
- Fiber testing system
- Optical fiber LAN
- Telecommunication network

Technical specification

Type	Single Grade	
Operating Wavelength (nm)	1310 or 1550	
Bandwidth (nm)	±15	±15
Peak isolation (dB)	40	50
Isolation (at 23°C) (dB)	≥28	≥40
Typ. Insertion Loss (at 23°C)	0.4	0.6
Insertion Loss (at-5 ~ +70 °C)	≤0.6	≤0.8
Extinction Ratio (dB)	≥20	
Return Loss (dB)	≥50	
Fiber Type	1310nm :PM 1310 Panda Fiber;1550nm:PM1550 Panda	
Package Dimension (mm)	φ5.5×L35	
Maximum Power Handling (mW)	≤300	
Axis Alignment	Both axis work	



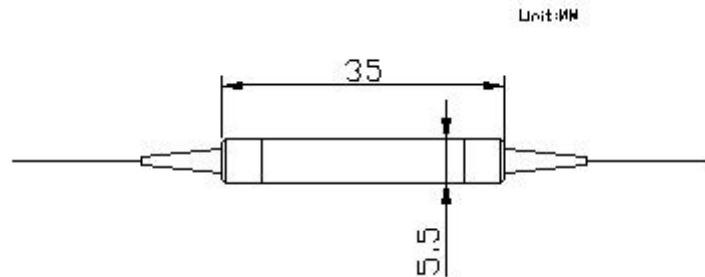
Operating Temperature (°C)	-0 to +70
Storage Temperature (°C)	-40 ~ +85

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

*The PM fiber and the connector key are aligned to the slow axis. And for F type, fast axis is blocked, for type B ; both axis is working

Product dimensions



Ordering information HC-PMIS-A-B-C-D-E-F

	A	B	C	D	E	F
PMIS	Wavelength	Type	Axis Alignment	Pigtail Type	Length	Connector
	1310=1310nm 1550=1550nm	S=Single stage D=Dual Stage	F=Fast Axis Blocked B=Both Axis Working	1=250um 2=900um loose tube 3=3mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2m	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/PC