

Polarization Maintaining 1030nm Fiber Isolator

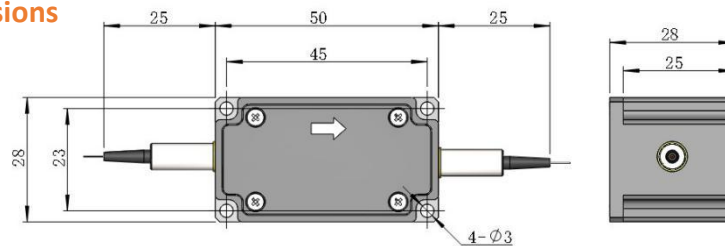
Mode: HPMI-1030-50X28X28-PM980-1-0-N-F

◆ Specification

Parameter	Unit	Values
Center Wavelength λ_c	nm	1030
Operating Wavelength Range	nm	± 10
Min Isolation@23°C @all Polarization States	dB	30
Typ. Insertion Loss	dB	0.8
Max. Insertion Loss	dB	1
Min. Extinction Ratio	dB	20
Peak Extinction Ratio@1030nm@23°C	dB	≥ 24
Max. Polarization Dependent Loss	dB	0.2
Min. Return Loss	dB	50
Max. Average Optical Power	W	5
Max. Tensile Load	N	5
Fiber Type	-	PM980 bare Fiber
Fiber Length	M	1 ± 0.1
Connector	-	None
Operating Temperature	°C	10 to +50
Storage Temperature	°C	0 to +60

*IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

◆ Package Dimensions



◆ Ordering Information

HPMI-①-②-③-④-⑤-⑥-⑦

1-Signal Wavelength	2-Handling Power	3-Package Dimension	4-Fiber Type
980-980nm	2-2W	C1-C1 Package	PM980-PM980
1064-1064nm	5-5W	C2-C2 Package	
	10-10W		

5-Fiber Length	6-Fiber Jacket	7-Connector Type	8-Power Type
1-1M	0-Bare Fiber	N-None	C-Continuous
	1-900 μ m Loose Tube	FU-FC/UPC	P-Pulse
		FA-FC/APC	