

Polarization Maintaining Isolator in Red, Green and Blue Band

Model #: PMI

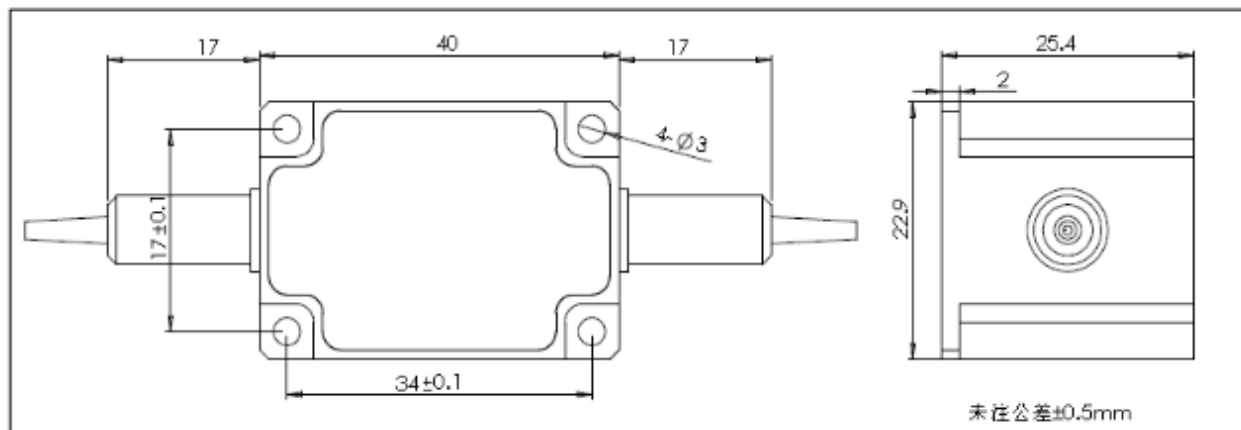
Description: Polarization Maintaining Isolator in Red, Green and Blue Wavelength Band

Application: Confocal Microscopy to illuminate multiple fluorophores

Specifications:

Parameter	Unit	Specifications*	
Central Wavelength (λ_c)	nm	488	532, 638
Typ. Insertion Loss at 23°C	dB	1.6	1.3
Max. Insertion Loss at 23°C	dB	2.0	1.7
Typ. Peak Isolation	dB	30	
Min. Isolation λ_c , at 23°C	dB	23	
Polarization Extinction Ratio	dB	18	
Max. Optical Power (CW)	mW	500	
Fiber Type		PM Panda fiber	
Operating Temperature	°C	-25 to +45	
Storage Temperature	°C	-40 to + 85	

Package Dimensions



Ordering Information:

PMI-AAA-B-C-D

AAA: wavelength	B: connector type	C: fiber jacket	D: fiber length
488 – 488 nm	N - None	B - 250 μ m Panda fiber	H - 0.5
532 – 532 nm		L - 900 μ m loss tube	1 – 1.0
638 – 638 nm		X - other	X-other
XX X - other			