

Polarization Maintaining Isolator(PMISO)

Features

Low insertion loss
High extinction ratio
High isolation
Excellent stability and reliability

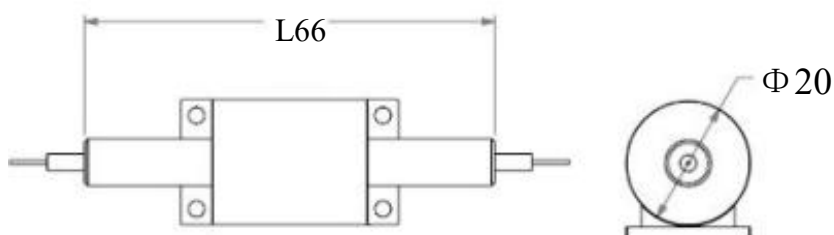
Applications

Fiber Sensors
Testing instruments

Parameter	Specification	Unit
Operating Wavelength	638	nm
Operating bandwidth	± 10	nm
Extinction ratio	≥ 20	dB
Insertion Loss typ.@23°C	≤ 1.3	dB
Insertion Loss max.@23°C	≤ 1.6	dB
Min. Isolation λ_c , 23°C, all polarization states	≥ 23	dB
Return Loss	≥ 45	dB
Power Handling	≤ 300	mW
Operating temperature	+23 ~ +45	°C
Storage temperature	-20 ~ +70	°C
Dimensions	$\Phi 20 \times L66$	mm
Fiber Type	PM Panda Fiber	-

*IL is 1.5dB higher, RL is 5dB lower and ER is 3dB lower for each connector added. The default connector key is aligned to slow axis.

Mechanical Dimension



Ordering Information

specification	GCISO
Pigtail Type	0=250μm, 1=900μm, 4=others
Operating Wavelength	638nm.
Input/Output Connector	FC/UPC, FC/APC etc.
Fiber Type	Corning-ClearCurve ZBL
Package Size	$\Phi 20 \times L66$