

1064nm Ultra Wideband Polarization-maintaining Optical Isolator(±50nm) 20W

Features

High isolation & High return loss
Low insertion loss
High power dispose

Application

Optical fiber communications & Optical fiber sensing
Optical fiber amplifier & Fiber laser
Optical laboratory study

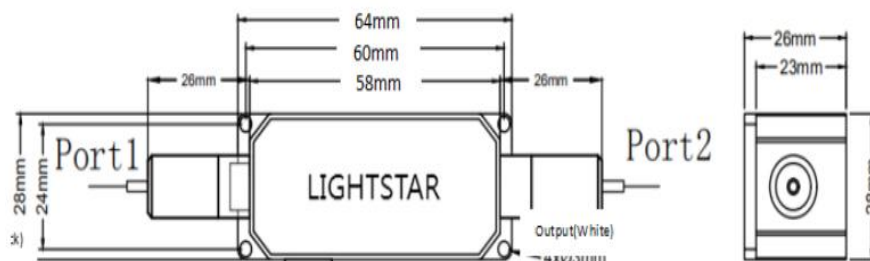
Specifications

Name of index	Extreme value	Standard values	Unit
Central wavelength		1060, 1064 or customized	nm
Bandwidth range		±50	nm
Peak isolation (Type)		32	dB
Isolation (@23 °C)	Min.	26	dB
Insertion loss (Type)		1.0	dB
Insertion loss	Max.	1.5	dB
Extinction ratio (Single axis operation)	Min.	22	dB
Extinction ratio (Biaxial operation)	Min.	20	dB
Return loss	Min.	50	dB
Nonopaque Power(CW)		1.3.5.10.20 or customized	W
Tensile load	Max.	5	N
Fiber type	Max.	PM 980 Panda fiber or PM LMA Fiber	
Operation temperature		-5 to +50	°C
Store temperature		-50 to +85	°C

When using

the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

Package dimensions



Ordering information

PMIS-①①①①-②②②-③-④-⑤-⑥

①①①①: Wavelength
1060=1060nm
1064=1064nm
SSSS=Specify

②②②: Fiber type
003=PM980
S=Specify

③: Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

④: Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑤: Length
H=0.5m
1= 1.0m
S=Specify

⑥: Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify