

1030nm PM Isolator (TGG Based)

Features

Low Insertion Loss
High Return Loss
High Isolation
High stability & Reliability

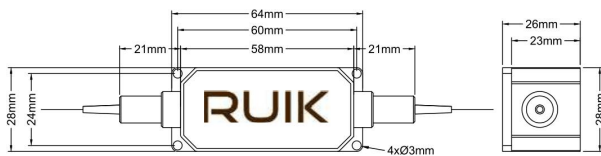
Applications

PM Fiber Amplifier
Testing Instrument
Mopa Fiber Laser
Fiber Laser

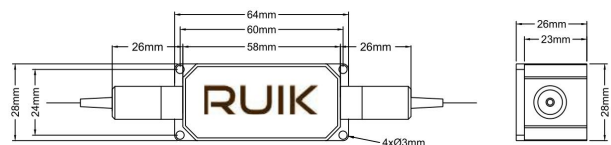
Specifications

Parameters	Unit	Value
Center Wavelength	nm	1030
Operating Wavelength Range	nm	±5
Typ. Peak Isolation at 23℃	dB	30
Min. Isolation at 23℃	dB	25
Typ. Insertion Loss at 23℃	dB	0.8
Max. Insertion Loss at 23℃	dB	1.0
Min. Extinction Ratio at 23℃, only for PM	dB	20
Min. Return Loss(Input /Output)	dB	45
Max. Average Optical Power	W	20 or Specified
Max. Peak Power for ns Pulse	kW	10 or Specified
Max. Tensile Load	N	5
Package Dimension	mm	58x28x26
Operating Temperature	℃	+10~+50
Storage Temperature	℃	0~+60

Package Dimensions



Max. Power:10W



Max. Power:20W

Ordering Information

PMIS-1111-23-444-567-88-99AA

1064	-Center Wavelength:	1064=1064nm, 1030=1030nm, 0980=980nm, 0850=850nm, 0780=780nm
2	-Core Type:	S=Single-Core
3	-Axis Alignment for PM:	F=Slow axis working, Fast axis blocked, B=Both of axis working
444	-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
5	-Package Dimension:	0=58x28x26mm, S=Specified
6	-Pigtail Type:	0=250µm bare fiber, 1=900µm loose tube
7	-Fiber Length:	0=0.8m, 1=1m
88	-Connector Type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC, N=None
99	-Average Power:	00=500mW, 01=1W, 02=2W,, 05=5W, 10=10W
AA	-Peak Power:	10=10kW, 20=20kW

Note: 1.With connector, The Max. Power can be only 1W.