1064 nm PM Circulator with Bandpass Filter (PMCIR Series)

Parameter	Unit	Type A	Type B
Signal Wavelength Range	nm	1064 ± 1	
Wavelength suppression 1000 - 1058 nm & 1070 - 1120 nm	dB	25	
Typ. Insertion Loss, 1064 nm , 23 ℃	dB	4	2.2
Max. Insertion Loss, 1064 nm	dB	4.6	2.8
Peak Isolation	dB	52	40
Typ. Isolation, 1064nm, 23 ℃	dB	46	30
Min. Isolation, 1064nm, 23 ℃	dB	40	20
Min. Extinction Ratio	dB	20	20
Min. Crosstalk	dB	50	
Min. Return Loss	dB	50	
Max. Optical Power (Continuous Wave)	mW	300	
Package Type		Circulator STD	
Max. Tensile Load	N	5	

*IL is 0.5 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.
**Filter will be installed on port 2 side. The optical path is aligned to slow axis, and fast axis is blocked.

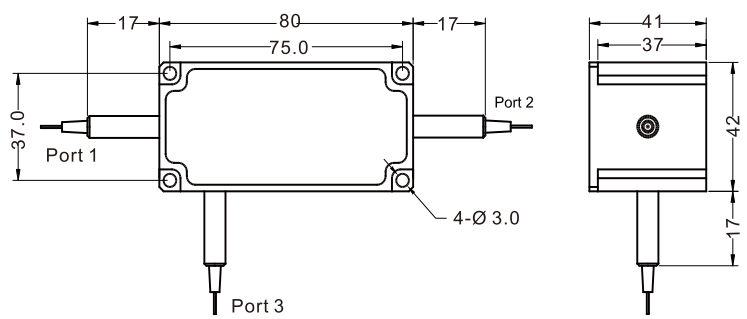
1064 nm 10 W PM Circulator and Bandpass Filter (HPMCIRBP Series)

FULL Specification Available on the WEB

Parameter	Unit	Value
Center Wavelength (λc)	nm	1064
Pass Bandwidth @ -0.5 dB	nm	8
Min. Extinction Ratio	dB	20
Min. Isolation, λc, 23 ℃, all polarization states	dB	20
Typ. Insertion Loss, 23 ℃	dB	1.3
Max. Insertion Loss, 23 ℃	dB	1.5
Min. Crosstalk	dB	45
Min. Return Loss	dB	45
Max. Optical Power	W	10
Max. Peak Power for ns Pulse	kW	10
Fiber Type		Port 1: PM 980 Panda Fiber Port 2 & Port 3: Nufern FUD-3460 Fiber

*IL is 0.5 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.
*Optical power will be only 1 W with connector added.
*Filters location: both port 1 and port 2.

Package Dimensions



Units : mm
Tolerance : X ± 1mm; X.X ± 0.2mm

Circulator