Optizone 2000nm High Power Polarization Maintaining Optical Circulator

Features

Compact High Performance
High Extinction Ratio
Low Insertion Loss
High Directivity
High Power Handling Capability

Applications

Fiber Optic Instruments
Fiber Amplifiers
Fiber Lasers
Fiber Sensors

Specifications

Parameter	Unit	Values	
Type		Type A	
Center Wavelength	nm	2000	
Operating Wavelength Range	nm	±30	
Min. Isolation,23℃	dB	32	
Typ. Insertion Loss	dB	1.5	
Max. Insertion Loss	dB	1.8	
Min. Extinction Ratio	dB	20	18
Min. Return Loss	dB	50	
Min. Cross Talk	dB	40	
Max. Optical Power (CW)	W	1, 3, 5 or Specify	
Max. Tensile Load	N	5	
Fiber Type		PM 1550 Panda Fiber	PM 1950 Panda Fiber
Operating Temperature	℃	-5 to + 70	
Storage Temperature	℃	-40 to +85	

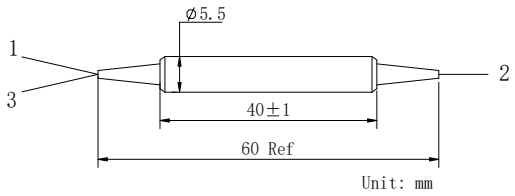
* Above specifications are for devices without the connectors.

* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, ER will be 2dB lower, and optical power is only 1000mW.

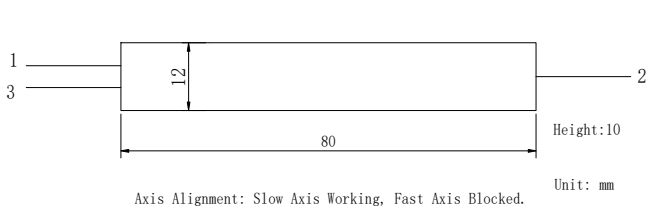
*The PM fiber and the connector key are aligned to the slow axis.

*For handling high power, proper alignment of polarization is necessary.

Package Dimensions



Package for 1～5W



Package for 6～10W

Ordering Information

HPMCIR-①①-②-③-④④-⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨

①①: Wavelength
20 - 2000nm
SS - Specify

②: Type
A - Type A

③: Port
1 - 1X2

④④:Handling Power
01 - 1W
SS - Specify

⑤⑤⑤: Connector Type on Port 1, 2 & 3
1A- FC/UPC
2A - FC/APC
3D - SC/UPC
4D - SC/APC
N - None
S - Specify

⑥⑥⑥: Fiber Jacket on Port 1, 2 & 3
B - Bare Fiber
C - 900um Losse tube (Red)
D - 900um Losse tube (Blue)
S - Specify

⑦: Fiber Type
1C - PM1950 Fiber
2A - PM1550 Fiber
SS - Specify

⑧: Fiber Length
1 - 1.0m
S - Specify

⑨: Package Dimensions
02 - Ø5.5x40
08 - 80x12x10