

3 Ports Polarization Insensitive Optical Circulator

Features

- *Low insertion loss
- *Optical Path Epoxy Free
- *High isolation
- *Excellent stability and reliability

Applications

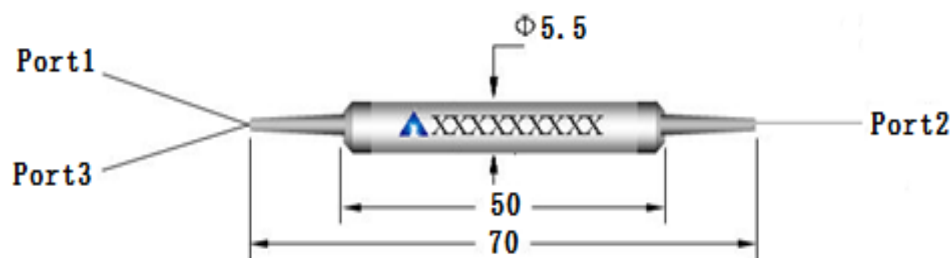
- * Fiber Lasers
- * Fiber Sensors
- * Optical Communications
- * FBG Applications



Specifications

Parameter	Unit	Values			
Center Wavelength	nm	1310	1550	C&L	1610
Operating Wavelength Range	nm	±30	±30	1525~1610	±30
Typ. Insertion loss(1→2, 2→3)	dB	0.6			
Max. Insertion loss(1→2, 2→3)	dB	0.8			
Typ. Isolation(3→2, 2→1)	dB	50			
Min. Isolation(3→2, 2→1)	dB	40			
Max. PDL	dB	0.15			
Max. PMD	ps	0.1			
Min. Return loss	dB	50			
Min. Cross talk	dB	50			
Max. Optical Power (CW)	mW	500			
Max. Tensile Load	N	5			
Fiber Type	-	SMF-28e			
Operating Temperature	°C	-5 ~ +70			
Storage Temperature	°C	-40 ~ +85			
Package Dimensions	mm	5.5 x 50			

Remark: The Above specifications is without connector. IL is 0.3dB higher, RL is 5dB lower for each connector added.



Ordering Information

PICIR - A — B — C — D — E — F — G		
A	Port Number	3= 3Ports
B	Wavelength	1310=1310nm,1550=1550nm,CL=C&L Band, 1610=1610nm,S=Special
C	Tube Type	B=bare fiber, 0.9=0.9mm loose tube, etc
D	Fiber Type	SMF-28e, SMF-28e XB, etc
E	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
F	Package Size	5.5x50mm
G	Fiber length	003=0.3m, 005=0.5m; 010=1.0m;100=10m etc
For example: PICIR-1*2-1550-0.9- SMF-28e -FC/APC*3-5.5x50-010		