

1310 or 1550 nm Polarization Insensitive Circulator

Model #: PICR

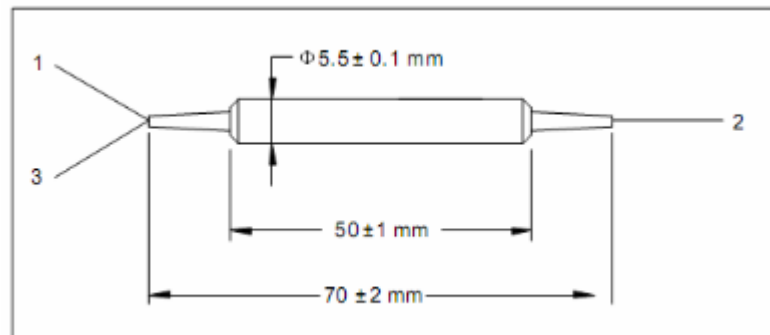
Description: 1310 or 1550 nm Polarization Insensitive Circulator

Application: Fiber amplifier, fiber laser.

Specifications:

Parameter	Unit	Specifications
Operating Wavelength	nm	1310 ± 20 or 1550 ± 20
Typ. Insertion Loss	dB	0.7
Max. Insertion Loss	dB	0.8
Min. Isolation, 23°C	dB	45
Min. Crosstalk	dB	50
Min. Return Loss	dB	55
Max. Polarization Dependent Loss (23 °C)	dB	0.1
Max. Polarization Mode Dispersion	ps	0.1
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to + 85
Dimension	mm	5.5 (D) x 50 (L)
Fiber Type		SMF-28 fiber

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL.



Ordering Information: PICR-AA-B-C-D

AA: wavelength	B: connector type	C: fiber jacket	D: fiber length	E: package length
31 - 1310 nm	1 - FC/UPC	B - 250µm Panda fiber	1 – 1.0 m	1 – 50 mm
55 – 1550 nm	2 - FC/APC	L - 900 µm loss tube	X - other	X - other
XX - Other	3 - SC/UPC	T - 900 µm tight buffer		
	4 - SC/APC			
	N - none			
	X - other			