

Polarization Maintaining Optical Circulator

FEATURES:

- High isolation
- Low insertion loss
- Small rugged package
- High extinction ratio

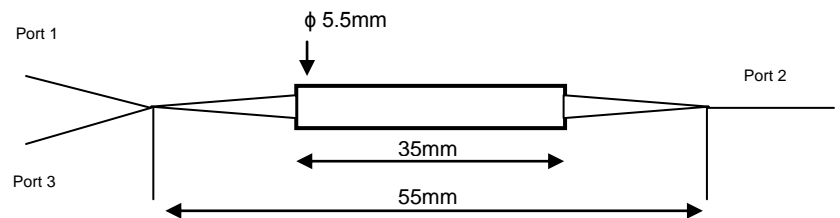
APPLICATIONS:

- EDFA
- Communications systems
- Optical fiber sensors
- Optical test instrumentation

The 1 x 2 polarization maintaining circulator is a 3 port micro-optic device with PMF input and output fibers. The device offers high reliability and excellent optical performance. Its high isolation properties make it ideal for applications in telecommunications, fiber optic sensing, bio-medical, and photonics research.

SPECIFICATION		Single stage	Dual stage	Single stage	Dual stage
Centre wavelength	nm	1064		1310 or 1550	
Operating bandwidth	nm	±5		±20	
Insertion loss	dB	2.3	3.5	0.8	0.9
Extinction ratio	dB	22			
Isolation	dB	20	35	30	46
Return loss	dB	50			
Crosstalk	dB	50			
Power handling	mW	300		500	
Fibre type		PM Fibre			
Operating temperature	°C	-5 to +50		-5 to +70	
Storage temperature	°C	-40 to +85			
Dimensions	mm	φ5.5 x L35			

PACKAGE STYLE:



PRODUCT ORDERING INFORMATION:

PPCIR	-	<input type="text"/>	x	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		Port:		2		Stage:				Operating Wavelength:		Cable diameter:					In/out connectors:
		1 = 1x2				S = Single stage				10 = 1064nm		0 = 250µm					e.g. FC/APC
		2 = 2x2				D = Dual stage				13 = 1310nm		1 = 900µm					
										15 = 1550nm							

Phoenix Photonics Limited

Web: www.phoenixphotonics.com Email: sales@phoenixphotonics.com