

## 3 Ports PM Optical Circulator

### Features

Low insertion loss  
High extinction ratio  
High stability & Reliability

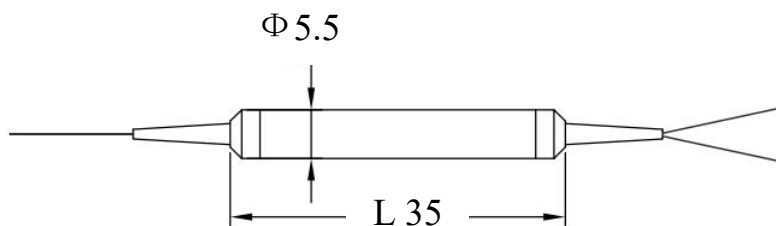
### Applications

Fiber Amplifier  
Fiber sensor  
Fiber Laser Marking  
Laboratory R&D

Parameter	3 Ports Polarization Maintaining Optical Circulator				Unit
	Single stage	Dual stage	Single stage	Dual stage	
Center wavelength	1064		1310 or 1550		nm
Operating bandwidth	±5		±20		nm
Insertion loss@23℃	≤2.3	≤3.5	≤0.8	≤0.9	dB
Extinction ratio	≥22				dB
Isolation@ 23℃	≥20	≥35	≥30	≥46	dB
Return loss	≥50				dB
Crosstalk	≥50				dB
Handling power	≤300		≤500		mW
Fiber type	PM Fiber				/
Operating temperature	-5 to +70				℃
Storage temperature	-40 to +85				℃
Dimensions	Φ5.5× L35				mm

\*IL is 0.3dB (1310~1550nm) or 0.5dB (1064nm) higher, RL is 5dB lower and ER is 2dB lower for each connector added. The default connector key is aligned to slow axis.

### Mechanical Dimension



### Ordering Information

specification	GCPMCIR
Package	5.5 × 35 etc
Connector	FC/UPC, FC/APC etc.
Fiber Code	Specify
Pigtail Type	0=250μm, 1=900μm, 4=others
Operating Wavelength	1064, 1550nm etc.
Stage	S=single stage, D=Dual stage