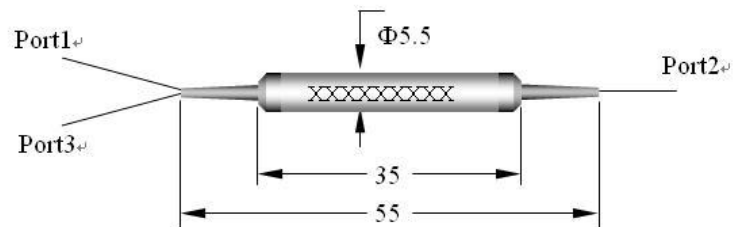


## Polarization Maintaining Circulator (1X2-1064nm)

### 1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability



### 2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system



### 3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

#### 4. Specifications:

Parameter	Type	Unit	Values	
			Dual stage	Single stage
Type			Dual stage	Single stage
Center Wavelength		nm	1064±5	
Typ. Insertion Loss		dB	3.0	1.8
Insertion Loss		dB	≤3.5	≤2.2
Peak Isolation		dB	45	38
Typ. Isolation		dB	40	30
Isolation		dB	≥35	≥22
Extinction Ratio		dB	≥22	≥20
Return Loss		dB	≥55	≥55
Cross Talk		dB	≥50	
Power Handling		mW	≤300	
Tensile Load		N	≤5	
Fiber Type			SM98-PS-U25A	
Optical Path		/	Port1→Port2→Port3	
Operating Temperature		°C	-5 to +70	
Storage Temperature		°C	-40 to +85	

\*The specifications are w/o connector.

\* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

\* For device with connector, key aligned to slow axis.

#### 5. Product Ordering information:

PM CIR		X	X X	X	X	XX	XX	XX
Product Description	Port Type	Stage	Operating Wavelength	Pigtail Type	Fiber Type	Port1&Port2&Port3 Connector Type	Package Size	Fiber Length
P=Polarization	1X2	D=Dual	06=1064nm	0=250um	1=PM98	0=None	34=5.5×34	05=0.5m
M=Maintaining		S=Single	13=1310nm	1=900um	2=PM15	1=FC/UFC	35=5.5×35	08=0.8m
CIR=Circulator			15=1550nm		3=PM13	2=FC/APC	38=5.5×38	10=1.0m
					4=others	3=SC/UPC		12=1.2m
						4=SC/APC		

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