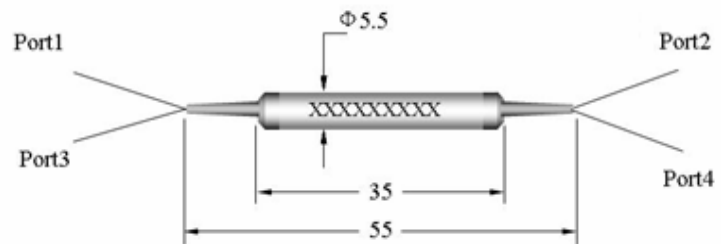


Polarization Maintaining Optical Circulator (PM CIR-2X2)

1. Features:

- ◆ Low Insertion Loss
- ◆ High Extinction Ratio
- ◆ Excellent environmental stability and reliability



2. Applications:

- ◆ Fiber Optic instruments
- ◆ Fiber Sensors
- ◆ Coherent Detecting
- ◆ Research



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	1310±20 or 1550±20	
Typ. Insertion Loss		dB	0.8	0.7
Insertion Loss		dB	≤1.1	≤1.0
Peak Isolation		dB	55	40
Typ. Isolation		dB	50	30
Isolation		dB	≥40	≥20
Extinction Ratio		dB	≥20	≥20
Return Loss		dB	≥55	
Cross Talk		dB	≥50	
Power Handling		mW	≤500	
Tensile Load		N	≤5	
Fiber Type			SM13-PS-U25A or SM15-PS-U25A	
Operating Temperature		°C	-5 to +70	
Storage Temperature		°C	-40 to +85	

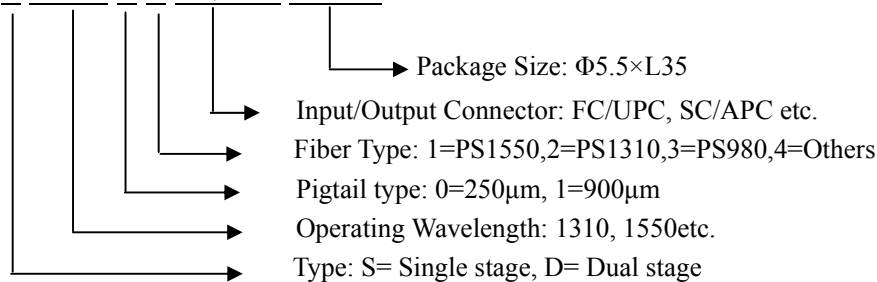
*The specifications are w/o connector.

* 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-2x2-X-XXXX-X-X-XX/XXX-XX*XX



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