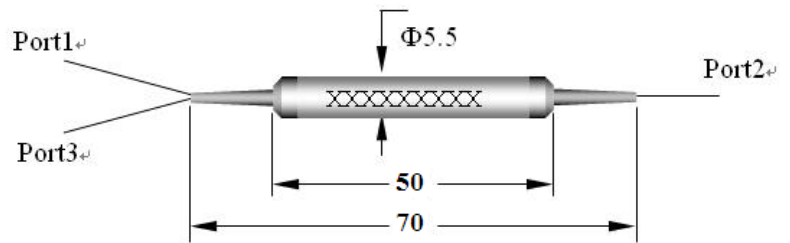


High Power Circulator (1310/1550/1585nm)

1. Features:

- Low insertion loss
- High Isolation
- High Power Handling
- Excellent environmental stability and reliability



2. Applications:

- Optical Amplifier
- Fiber Transceiver
- Communication System
- Test Instrumentations
- Optical Fiber Bragg Grating(FBG)



3. Compliance:

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

4. Specifications:

Parameter	Type	Unit	1X2		2X2	
			P	A	P	A
Grade	/		P	A	P	A
Working Wavelength		nm	1310±30 or 1550±30 or 1585±30			
Typ. Insertion Loss		dB	0.8	1.0	1.0	1.2
Insertion Loss		dB	≤1.0	≤1.2	≤1.2	≤1.4
Peak Isolation		dB	50			
Isolation		dB	≥40			
PDL		dB	≤0.15			
PMD		ps	≤0.1			
Return Loss		dB	≥50			
Cross Talk		dB	≥50			
Power Handling		W	1,3,5			
Tensile Load		N	≤5			
Fiber Type	/		SMF-28e			
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, 0.2dB higher for IL, 5dB lower for RL.

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

5. Product Ordering information:

PMCIR		X	X	XX	X	X	XXX	XX	XX
Product Description	Port Type	Power	Grade	Operating Wavelength	Pigtail Type	Fiber Type	Port1 & 2 & 3 Connector Type	Package Size	Fiber Length
H=High	1X2	1W	P	06=1064nm	0=250um	0=smf-28e	0=None	50=5.5×50	05=0.5m
P=Power	2X2	3W	A	13=1310nm	1=900um	1=PM98	1=FC/UFC	90=90×20×10	08=0.8m
CIR=Circulator		5W		15=1550nm	2=2mm	2=PM15	2=FC/APC		10=1.0m
				85=1585nm		3=PM13	3=SC/UPC		12=1.2m
						4=others	4=SC/APC		

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