

### 3-Port PM Fiber Circulator 1840, 1870nm

#### Specifications

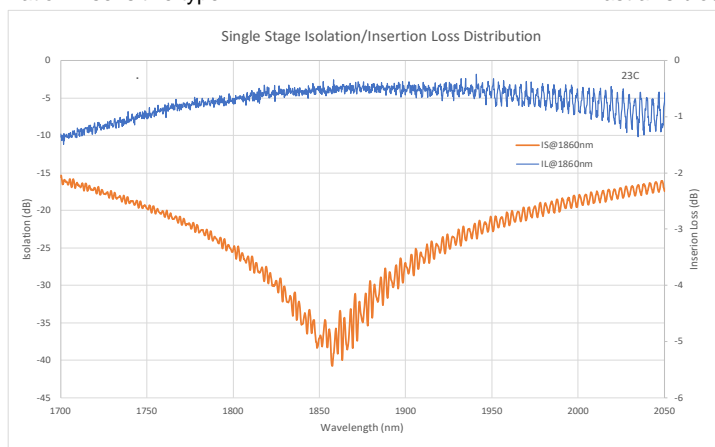
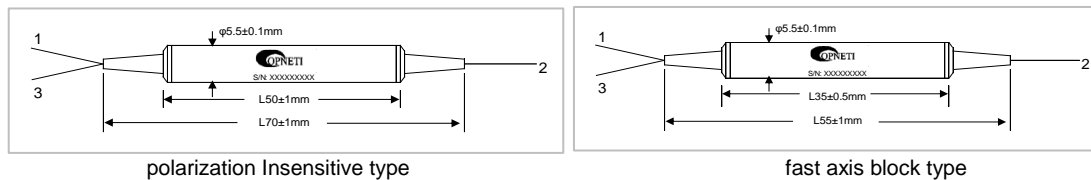
Parameters	Unit	Value		
Port Configuration		Port1 to Port2, Port2 to Port3, Port3 won't go to Port1		
Center Wavelength ( $\lambda_c$ )	nm	1840, 1870		
Operating Bandwidth ( $\lambda_o$ )	nm	$\pm 15$		
Axis Alignment		Both Axis Pass	Fast Axis Blocked-A	Fast Axis Blocked-B
Peak Isolation	dB	40	40	32
Isolation ( $\lambda_o$ , 23°C)	dB	$\geq 30$	$\geq 30$	$\geq 25$
Extinction Ratio	dB	$\geq 18$	$\geq 20$	$\geq 20$
Insertion Loss ( $\lambda_o$ , 3°C)	dB	$\leq 1.5$	$\leq 1.5$	$\leq 1.4$
Cross Talk	dB	$\geq 50$		
Return Loss	dB	$\geq 50$		
Power Handling	mW	$\leq 500$		
Fiber Type		PM1550 Panda Fiber, PM1950 Panda Fiber		
Fiber Length	m	0.8		
Operating Temperature ( $T_{op}$ )	°C	-5 ~ +70		
Storage Temperature	°C	-40 ~ +85		
Dimensions	mm	$\phi 5.5 \times L50$ , $\phi 5.5 \times L35$		

\*for devices with connectors, IL+0.3dB, RL-5dB, ER-2dB.

\*the PM fiber panda eye and the connector key are aligned to the slow axis.

\*fast axis block type only allow slow axis pass.

#### Package Dimensions



#### Ordering Information

PM CIR ①-②②-③③③③-④④④-⑤-⑥⑥⑥-⑦⑦

①	Port	3=3 Port;
②	Type	PI=Polarization Insensitive; FA=Fast Axis Blocked A Type; FB=Fast Axis Blocked B Type;
③	Wavelength	1840; 1870;
④	Pigtail Type	250=250 $\mu$ m Fiber; 900=900 $\mu$ m Loose Tube;
⑤	Fiber Type	5=PM1550 Fiber; P9=PM1950 Fiber;
⑥	Length	0.8=0.8m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;