



## Polarization Maintaining RC Fiber Filter Coupler (PMRCFC Series)

The PMRCFC Series is manufactured using advanced technology to allow the input signal to split into various ratio with high extinction ratio.

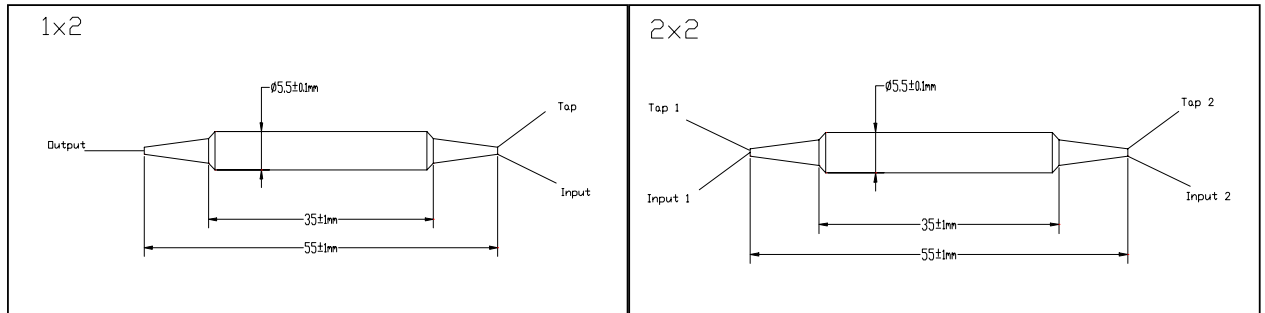


### Specifications

Parameters	Unit	Values	
Center Wavelength	nm	1550	
Type		1x2	2x2
Max.Excess Loss	dB	0.7	1.0
Max Uniformity (for 50/50 type)	dB	0.6	0.8
Tap Ratio	%	1±0.2%, 2±0.4%, 4±0.8%, 5±1.0%, 10%, 20% and 50%	
Min. Return Loss	dB	50	
Min. Extinction Ratio	dB	20	18
Max.Optical Power	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	
Fiber Type		RC PM Panda Fiber or RC SMF-28 Fiber on Tap Port or Specify RC PM Panda Fiber on Input & Output Port or Specify	

\*Above specifications are for devices without the connectors

### Package Dimensions



### Ordering Information

PMRCFC-①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦

①①: Wavelength

55 - 1550nm

SS - Specify

②②: Type

1 - 1x2

2 - 2x2

③③: Coupling Ratio

01 - 1/99

02 - 2/98

04 - 4/96

05 - 5/95

10 - 10/90

20 - 20/80

50 - 50/50

SS - Specify

④④: Connector Type

N - None

⑤⑤: Fiber Type

B - 170um bare fiber

L - 900um loose tube

S - Specify

⑥⑥: Fiber Type on Tap port

R - RC SMF-28 Fiber (For 1x2 only, AFR standard product)

P - RC PM Panda Fiber

S - Specify

⑦⑦: Fiber Length

Q - 0.75 m

S - Specify

Remark: The PM fiber and the connector key are aligned to the slow axis