



## Polarization Maintaining RC Fiber Filter WDM (PMRCFWDM Series)

The PM RC fiber Filter Wavelength Division Multiplexer series are based on environmentally stable Thin Film Filters technology. The devices combine or separate light at different wavelength in a wide wavelength range. They offer very low insertion loss, high extinction Ratio, high isolation and excellent environmental stability. High power handling capability can be achieved through unique pigtail processing and high quality AR coating. These components have been used in compact EDFAs, Sensors, and other fiberoptic communication equipments required compact optical circuits.

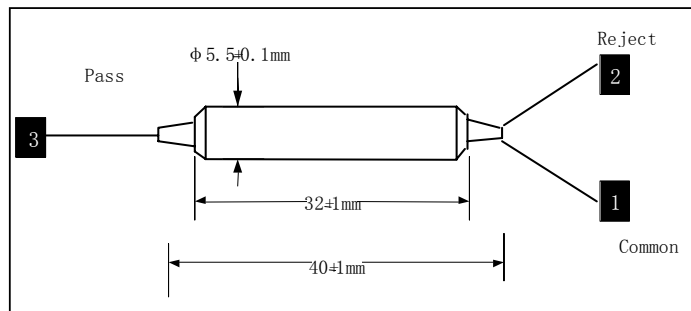


### Specifications

Parameters	Unit	Values	
Wavelength Range	nm	1530-1580 (1460-1490)	
Max. Insertion Loss	dB	0.8	
Pass Band	Typ. Insertion Loss	dB	0.5
Min. Isolation	dB	30	
Typ. Isolation	dB	35	
Wavelength Range	nm	1460-1490 (1530-1580)	
Max. Insertion Loss	dB	0.6	
Reflection Band	Typ. Insertion Loss	dB	0.4
Min. Isolation	dB	12	
Typ. Isolation	dB	15	
Min.Return Loss	dB	50	
Min. Extinction Ratio	dB	20	
Fiber Type		RC PM 1550 Fiber or Specify	
Thermal Stability	dB/°C	≤0.005	
Max. Optical Power	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

\*Above specifications are for device without connector.

### Package Dimensions



### Ordering Information

PMRCFWDM-①①①①-②-③-④

①①①①: Wavelength

5548 - 1550 Pass / 1480 Reflect

4855 - 1550 Reflect / 1480 Pass

③: Fiber Type

B - 170um bare fiber

L - 900um loose tube

S - Specify

②: Connector Type

N - None

④: Fiber Length

Q - 0.75m

S - Specify