

Features

Low Insertion Loss
 High Return Loss
 High Isolation

Applications

Fiber Optic Instruments
 Raman Amplifiers
 EDFAs
 Fiber Sensors

Specifications

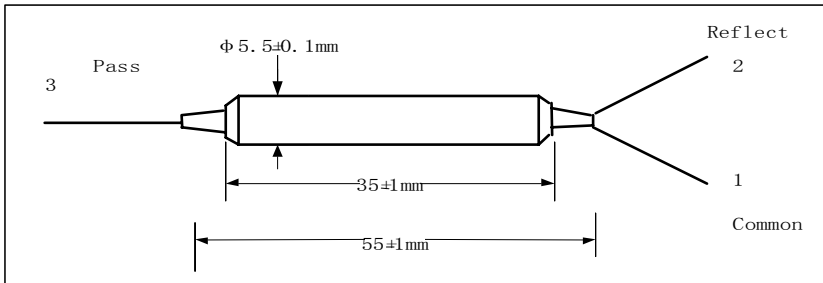
Parameters		Unit	Values		
Pass Band	Wavelength Range	nm	1270-1350(1530-1600)	1450-1490(1530-1600)	1500-1520(1530-1570)
	Typ. Insertion Loss	dB	0.4	0.4	0.5
	Max. Insertion Loss	dB	0.6	0.6	0.7
	Typ. Isolation	dB	30	30	30
	Min. Isolation	dB	25	25	25
Reflection Band	Wavelength Range	nm	1530-1600(1270-1350)	1530-1600(1450-1490)	1530-1570(1500-1520)
	Typ. Insertion Loss	dB	0.3		
	Max. Insertion Loss	dB	0.5		
	Typ. Isolation	dB	15		
	Min. Isolation	dB	12		
Min. Extinction Ratio	dB	20			
Min. Return Loss	dB	50			
Thermal Stability	dB/°C	≤0.005			
Max. Optical Power (CW)	mW	500			
Max. Tensile Load	N	5			
Fiber Type		PM Panda Fiber			
Operating Temperature	°C	-5 to +70			
Storage Temperature	°C	-40 to +85			

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.

*The PM fiber and the key are aligned to the slow axis.

Package Dimensions



Ordering Information

APMFWDM-①①①①-②②②-③③③-④

①①①①: Wavelength

3155-1310nm Pass / 1550nm Reflect: 1 - FC/UPC
 5531-1550nm Pass / 1310nm Reflect: 2 - FC/APC
 4855-1480nm Pass / 1550nm Reflect: 3 - SC/UPC
 5548-1550nm Pass / 1480nm Reflect: 4 - SC/APC
 5155-1510nm Pass / 1550nm Reflect: N - None
 5551-1550nm Pass / 1510nm Reflect: S - Specify

②②②: Connector Type on Port 1, 2 & 3

③③③: Fiber Jacket on Port 1, 2 & 3

B - 250um Fiber
 D - 400um Fiber
 L - 900um Loose Tube
 S - Specify

④: Fiber Length

0.8 - 0.8m
 S - Specify