

Polarization Maintaining CWDM Device

Features

- Low Insertion Loss
- High Return Loss
- High Channel Isolation
- Wide Transmission Width
- High Reliability & Stability



Applications

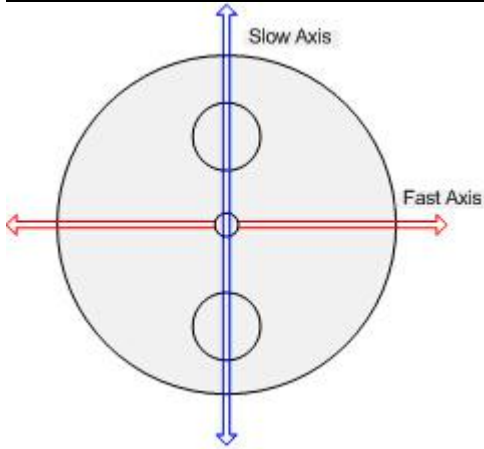
- CWDM System
- CWDM/OADM Module
- CWDM/OADM Networks

Specifications

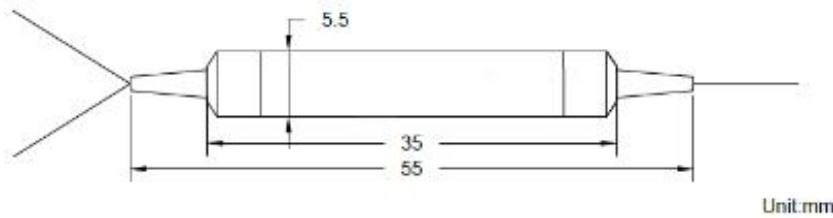
Parameters		Unit	
Central Wavelength		nm	1260~1460 or 1460~1620 or 1260~1620
Operating Wavelength		nm	1260~1460 or 1460~1620 or 1260~1620
Channel Space		nm	20
Min.Channel Bandwidth@λc		nm	± 6.5
Max.Channel Flatness		dB	0.4
Max.Insertion Loss	Transmission Channel	dB	0.6
	Reflection Channel	dB	0.4 (1260~1460 or 1460~1620) or 0.6(1260~1620)
Min.Isolation	Adjacent channel	dB	30
	Non-adjacent channel	dB	40
	Reflection Channel	dB	12
Directivity		dB	55
Min.Return Loss		dB	50
Min.Extinction Ratio		dB	18
Max.Wavelength thermal stability		nm/°C	0.003
Max.Insertion loss thermal stability		dB/°C	0.005
Max.Power handling		mW	500
Operating Temperature		°C	0~+70
Storage Temperature		°C	-40~+85

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower;
The default connector key is aligned to slow axis;

Fast and slow axis



Package Dimensions



Ordering Information

Center wavelength	Operating wavelength	Port type	Fiber type	Pigtail type	Fiber length	Connector type
27=1270nm or 1271nm,, 55=1550 or 1551nm,, 61=1610nm or 1611nm	F=Full wave(1260nm~1620nm), H=half wave(1260~1460 or 1460~1620)	1=1x1, 2=1x2	1=PM Panda fiber	0=250 bare fiber, 1=900um loose tube, 2=2.0mm loose tube, 3=3.0 loose tube	1m 2m etc.	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC