

## Specification Summary

### For 1310/1490/1550 WDM

Yilut's 1310/1490/1550 WDM devices based on thin-film filter technology are design to address the specific requirements of the FTTP market. Strong coating and passive device packaging capabilities feature these WDMs with excellent optical performance, good reliability and ultra-compact size.

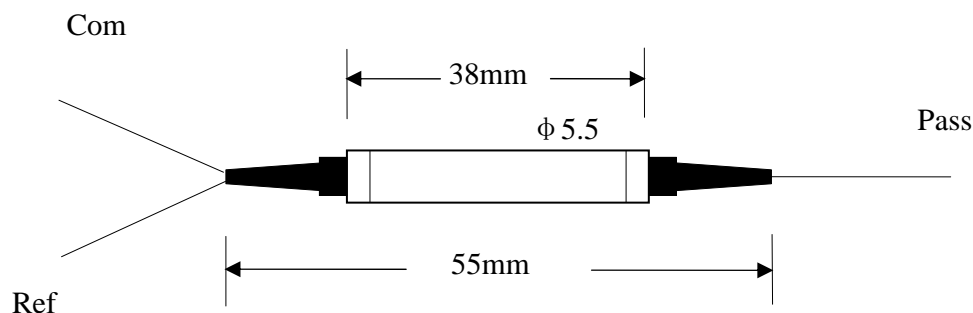
#### Key Features:

- Low Insertion loss
- High Channel Isolation
- Low Polarization Dependent Loss

#### Applications:

- Fiber Amplifier
- Long hual/Metro/Access/FTTH
- CATV Fiber Optic Links

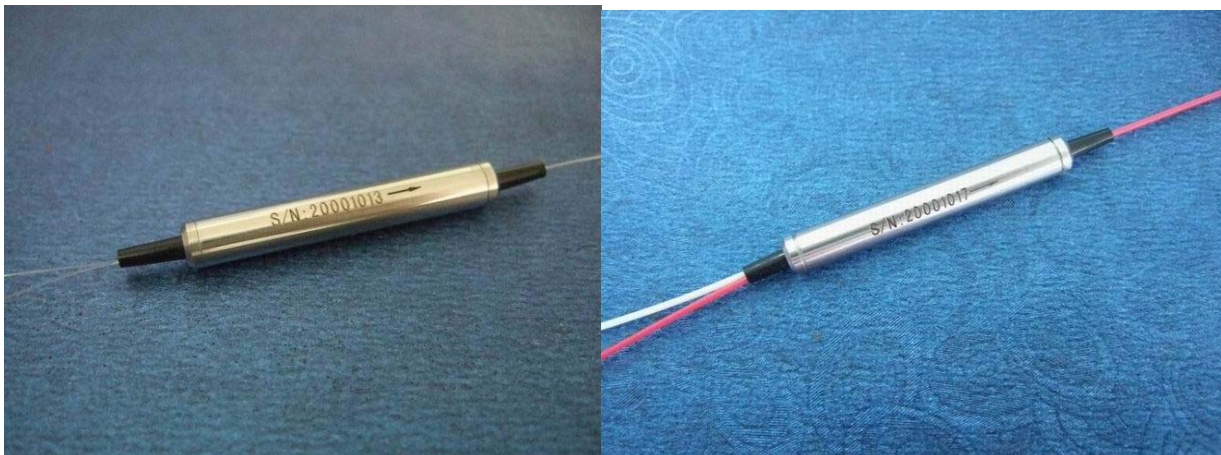
#### Device Schematic Drawing:



**Optical Specifications:**

Parameter		Unit	A type	B type
Operating Wavelength	1310 Band	nm	1260~1360	
	1490 Band	nm	1480~1500	
	1550 Band	nm	1540~1560	
Insertion Loss	Com→Ref	dB	≤0.6	≤0.6
	Com→Pass	dB	≤0.8	≤0.8
Isolation	Com→Ref	dB	≥15	≥15
	Com→Pass	dB	≥30	≥30
PDL		dB	≤0.1	≤0.1
Return Loss		dB	≥50	≥50
Directivity		dB	≥50	≥50
Operating Temperature		°C	-40~+85	-40~+85
Storage Temperature		°C	-40~+85	-40~+85
Size		mm	φ5.5x38	
Power Handling		mW	≤300	

Photo:



**Ordering Information:**

TFWDM	Operating Wavelength	Fiber type	Connector		
A type	534-1550pass/1310&1490 reflect	B-250um	00-none	FC-FC/PC	FA-FC/APC
B type	345-1310&1490pass/1550 reflect	L-900um	SC-SC/PC	SA-SC/APC	LC-LC/PC
			ST-ST		

