

Specification Summary

For 1310/1490/1625 WDM

Yilut's 1310/1490/1625 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.

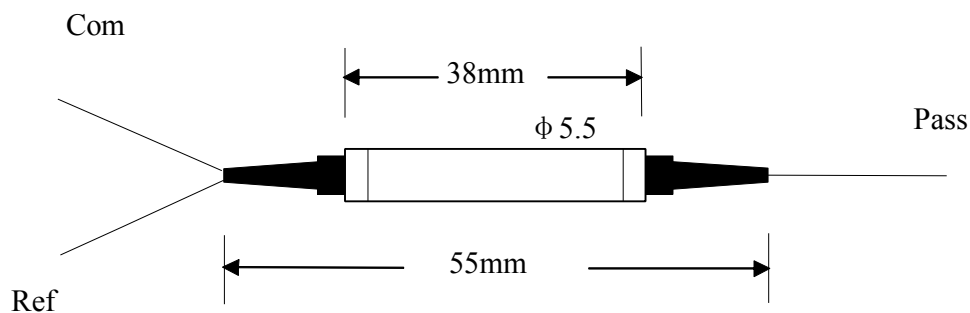
Key Features:

- 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	Specification
Wavelength	Type1	Passband 1	1260~1360
		Passband 2	1460~1650
	Type2	Passband 1	1610~1650
		Passband 2	1260~1565
Insertion Loss	Pass Port		≤1.0
	Reflect Port		≤1.0
Isolation	Pass Port		≥45
	Reflect Port		≥45 (≥22 only for type2)
Flatness		dB	≤0.5
Directivity		dB	≥55
Return Loss		dB	≥55
PDL		dB	≤0.15
Power Handling		mW	≤300

Note:All the data above does not include connectors.

Environmental Conditions

Operating Temperature	°C	-20~+70	
Storage Temperature	°C	-40~+85	
Operating Humidity	%RH	≤93	
Storage Humidity	%RH	≤93	

Packaging Specifications

Package Dimension	mm	Φ5.5×L38 (Φ0.25mm fiber)	Φ5.5×L38 (0.9mm fiber)
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