

## 2.5G PON WDM

<b>Features:</b>
Low Insertion Loss & High Isolation High Stability and Reliability
<b>Application:</b>
2.5G PON WDM

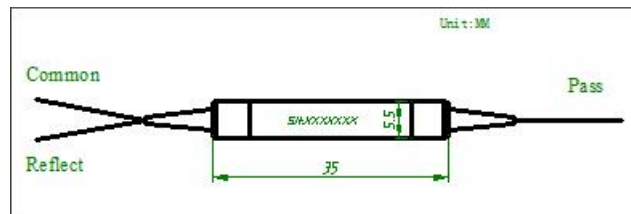
**Specifications:**

Parameter	Value
Operating Wavelength	1310+/-40, 1550+/-10, 1490+/-10
Pass / Reflection wavelength (nm)	T1550R1490,1310 T1310R1490,1550 T1490R1310,1550
Pass insertion Loss (dB)	≤0.7
Reflection Insertion Loss (dB)	≤0.5
Pass Channel Isolation (dB)	≥30 (or 40 dB)
Reflection Isolation (dB)	≥15 (or 20dB,25dB)
Channel Flatness (dB)	≤0.3
Directivity (dB)	≥55
Return Loss (dB)	≥50
PDL (dB)	≤0.1
Wavelength Thermal Stability (nm/°C)	≤0.003
Insertion Loss Thermal Stability(dB/°C)	≤0.005
Power Handling (mW, CW)	≤500
Fiber Type	SMF-28e for all ports
Operating Temperature (°C)	0 ~ +70
Storage Temperature(°C)	-40 ~ +85
Dimensions (mm)	φ 5.5×L35(P1);

\*Above specifications are for devices without the connectors.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

**Packing Dimensions:**



**Ordering Information:**

FWDM	Pass/Reflect Wavelength	T/R ISO	Package Type	Pigtail Type	Length	Connector
	543=T1550R1490 &1310nm Xxxxxx= refer each wavelength second digit	3015=T30R15 4020=T40R20	1=P1(5.5*35) 2=P2(4.0*≤30 ) 3=P3(90*20*9.5 )	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube S=Specify	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify