

# 1x2 1310/1550nm High Isolation Filter WDM

## Features

- Low Insertion Loss
- High Isolation
- High Stability and Reliability

## Applications

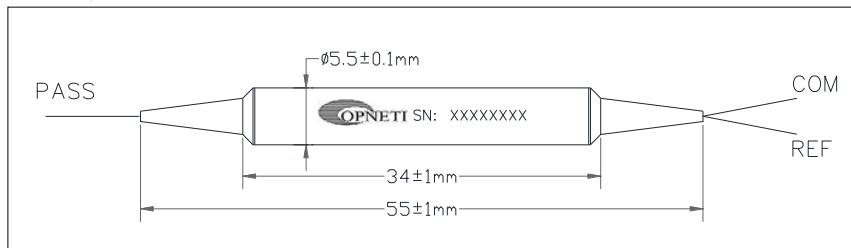
- Communications System
- Metro/Access
- Fiber Instrument

## Specifications

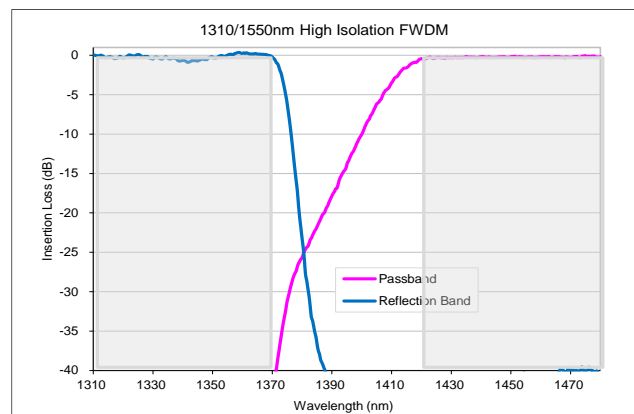
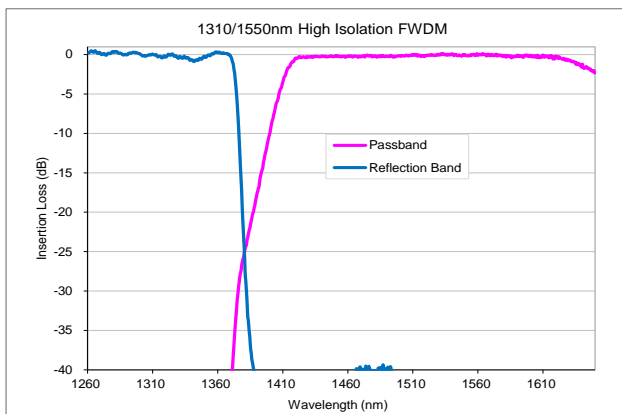
Parameters	Unit	Values	
Pass Band Wavelength Range	nm	1550±40	1310±40
Reflection Band Wavelength Range	nm	1310±40	1550±40
Pass Band Insertion Loss	dB	≤0.9 (Typ. 0.8)	
Reflection Band Insertion Loss	dB	≤0.9 (Typ. 0.8)	
Pass Band Isolation	dB	≥40	
Reflection Band Isolation	dB	≥40	
Channel Flatness	dB	≤0.3	
PDL	dB	≤0.2	
Wavelength Thermal Stability	nm/°C	≤0.003	
Insertion Loss Thermal Stability	dB/°C	≤0.005	
Directivity	dB	≥45	
Return Loss	dB	≥45	
Fiber Type		SMF-28e	
Max Power Handling CW	mW	500	
Operating Temperature	°C	0 ~ +65	
Storage Temperature	°C	-40 ~ +85	
Dimensions	mm	φ5.5×L34	

\*For devices with connectors, IL+0.3dB, RL-5dB.

## Package Dimensions



## Typical Spectrum



**Ordering Information**

**HFWDM-** ①①①-②②②②②②②②②②②②②②②②②②②②③③③③④⑤⑥⑥⑦⑦⑦⑦⑦⑦⑦⑦⑦⑦

①	Port Type	1x2;
②	Wavelength	T1550/R1310; T1310/R1550;
③	Pigtail Type	250=250μm Bare Fiber; 900=900μm Loose Tube;
④	Fiber Type	1=SMF-28e;
⑤	Fiber Length	1=1m;
⑥	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑦	Package	5.5x34;