

## C / L Band Filter WDM

### Features

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

### Applications

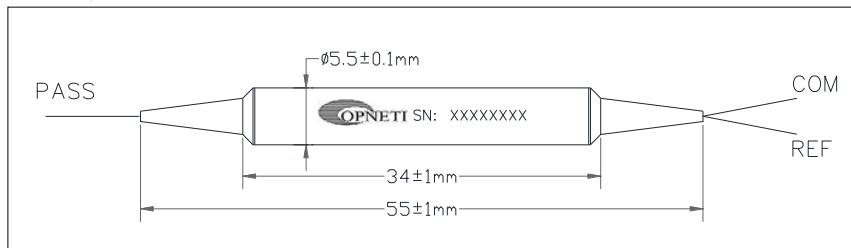
- Communications System
- Fiber Amplifier
- System Monitoring

### Specifications

Parameters	Unit	Values	
Pass Band Wavelength Range	nm	1570-1610	1500-1564
Reflection Band Wavelength Range	nm	1500-1564	1570-1610
Pass Band Insertion Loss	dB	≤0.8 (Typ. 0.6)	
Reflection Band Insertion Loss	dB	≤0.6 (Typ. 0.4)	
Pass Band Isolation	dB	≥25	
Reflection Band Isolation	dB	≥12	
Channel Flatness	dB	≤0.3	
PDL	dB	≤0.1	
Wavelength Thermal Stability	nm/°C	≤0.003	
Insertion Loss Thermal Stability	dB/°C	≤0.005	
Directivity	dB	≥55	
Return Loss	dB	≥50	
Fiber Type		SMF-28e	
Max Power Handling CW	mW	300	
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

