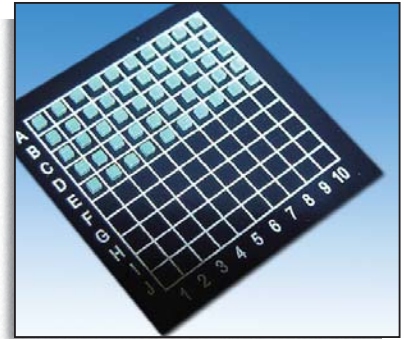


# 200GHz Thin Film Filter



## Specifications

Parameters	Units	Specifications	Notes
Channel Spacing	GHz	200	
Operating Wavelength Range	nm	C+L band	
Center Wavelength	nm	C+L Band ITU grid	@ AOI= 1.8°
Pass Bandwidth (@ -0.5dB from peak)	nm	≥ 0.85	
Insertion Loss	dB	≤ 0.8	
Stop Bandwidth (@ -28dB)	nm	≤ 2.35	
Angle of Incidence (AOI) (@defining parameter)	degree	0	
Scattering	dB	≥ 60	@ 0.25° acceptance angle
Polarization Dependent Loss (PDL)	dB	≤ 0.05	
CW Temperature Sensitivity	pm/°C	≤ 3.0	
Reflection Insertion Loss	dB	≤ 0.2	
Reflection Isolation within Passband (PBR)	dB	≥ 13	
Reflection (AR on back surface)	%	≤ 0.20	
Substrate Material		High Quality Optical Glass	
Substrate Wedge Angle	degree	~ 0.5	
Size: Length × Width × Thickness	mm <sup>3</sup>	1.4 × 1.4 × 1.0	+/- 0.1
Surface Quality (Scratch/Dig)		< 40/20	
Operating Temperature Range	°C	-5 to +70	
Storage Temperature Range	°C	-40 to +85	

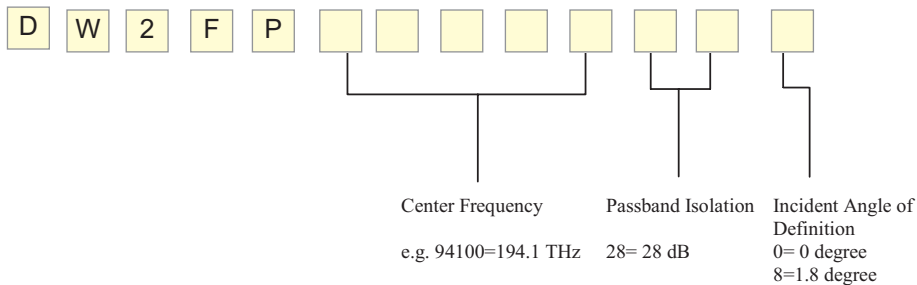
## Features / Benefits

- Wide passband
- Low insertion loss
- High channel isolation

## Applications

- DWDM networks

## Ordering Information



This product information is subject to change without notice.