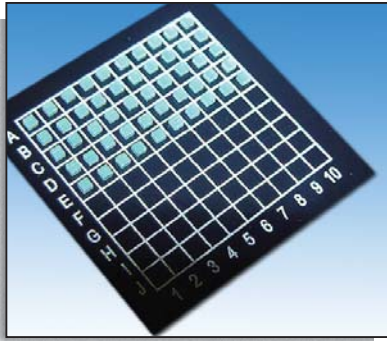


# CWDM Thin Film Filter



## Features / Benefits

- Wide passband
- Low insertion loss
- High channel isolation

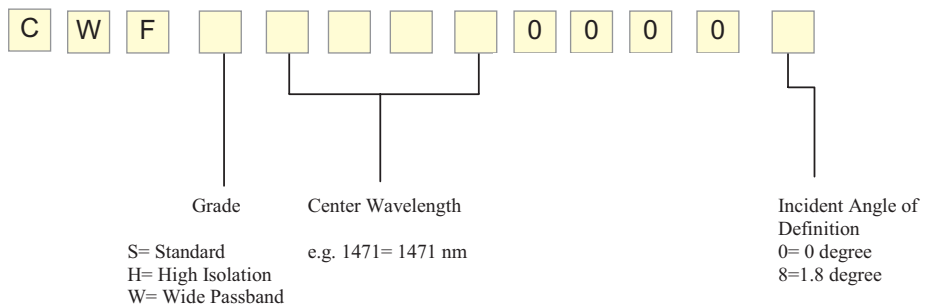
## Applications

- Coarse WDM networks

## Specifications

Parameters	Units	Specifications			Note
		Standard	High Isolation	Wide Passband	
Channel Spacing	nm	20			
Operating Wavelength Range	nm	1450 ~ 1630			
Center Wavelength (CW), $\lambda_c$	nm	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611			@ AOI= 1.8°
Pass Bandwidth (@ -0.5 dB from peak)	nm	≥ 14	≥ 12	≥ 15	
Passband Insertion Loss	dB	≤ 0.5	≤ 0.5	≤ 0.5	
Stop Bandwidth I (@ -30dB)	nm	≤ 26	≤ 20	≤ 25	
Stop Bandwidth II (@ -55dB)	nm	-	≤ 28	-	
Angle of Incidence (AOI)	degree	0	0	0	
Polarization Dependent Loss (PDL)	dB	≤ 0.05	≤ 0.05	≤ 0.05	
CW Temperature Sensitivity	pm/°C	≤ 2.0	≤ 2.0	≤ 2.0	
Reflection Insertion Loss	dB	≤ 0.2	≤ 0.2	≤ 0.2	
Reflection Isolation within Passband (PBR)	dB	≥ 14	≥ 14	≥ 14	
Reflection (AR on back surface)	%	≤ 0.20	≤ 0.20	≤ 0.20	
Substrate Material		High Quality Optical Glass			
Substrate Wedge Angle	degree	~ 0.5			
Size:	mm <sup>3</sup>	1.4 × 1.4 × 1.0			+/- 0.1
Surface Quality		< 40/20			
Operating Temperature	°C	-5 to +70			
Storage Temperature	°C	-40 to +85			

## Ordering Information



This product information is subject to change without notice.