

## 100 or 200GHz HIGH ISOLATION DWDM FILTER (ITU Grid Wavelengths)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter			Unit	100GHz	200GHz
Wavelength			nm	ITU Grid	
Pass Channel	Bandwidth (@0.5dB)	Typ.	nm	0.22	0.7
	Bandwidth (@0.5dB)	Min	nm	0.18	0.5
	Ripple	Max	dB	0.5	
	Isolation (23°C, All SOP)	Min	dB	40	
	Insertion Loss (23°C, All SOP)	Typ.	dB	1.0	
	Insertion Loss (23°C, All SOP)	Max	dB	1.4	1.3
	Ripple	Max	dB	0.5	
Reflect Channel	Isolation (23°C, All SOP)	Typ.	dB	14	
	Isolation (23°C, All SOP)	Min	dB	12	
	Insertion Loss (23°C, All SOP)	Typ.	dB	0.3	
	Insertion Loss (23°C, All SOP)	Max	dB	0.5	
PDL	Max	dB	0.1		
PMD	Max	ps	0.1		
Return Loss	Min	dB	50		
Directivity	Min	dB	50		
Optical Power Handling	Max	mW	300		
Package Dimension		mm	φ5.5 x L35		
Operating Temperature		°C	-5 to 70		
Storage Temperature		°C	-40 to 85		

\* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

\* SOP=State Of Polarization

### Ordering Information

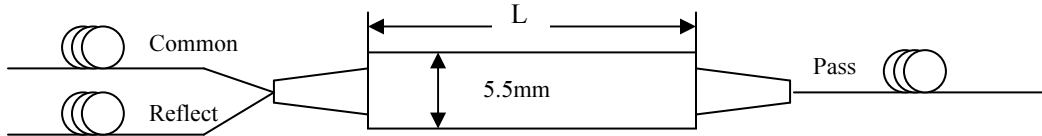
Contact Ascentta with your custom configuration needs.

HDWDMF	Channel Spacing	Wavelength (ITU)	Fiber Type	Fiber Length	Connector
HDWDMF	1=100GHz	21=ITU 21	B= SMF-28, 250um	10=1.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC
	2=200GHz	22=ITU 22	L= SMF-28, 900um	15=1.5m	
		23=ITU 23	H=SMF-28, 3mm	20=2.0m	
				30=3.0m	
		X=Others	X=Others	X=Others	

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**Package Dimensions**



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