

100 or 200GHz High Isolation DWDM Filter (ITU Grid Wavelengths)

Specifications

Contact Hengyan Photonics 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	
Reflect Channel	Insertion Loss (23°C, All SOP)	Typ.	dB	0.8	
	Insertion Loss (23°C, All SOP)	Max	dB	1.0	
	Ripple	Max	dB	0.5	
	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	
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

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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
	2=200GHz	22=ITU 22	L= SMF-28, 900um	15=1.5m	FA=FC/APC
		23=ITU 23	H=SMF-28, 3mm	20=2.0m	FC=FC/PC
		X=Others	X=Others	30=3.0m	SA=SC/APC
				X=Others	SC=SC/PC
					ST=ST/PC
					LA=LC/APC
					LC=LC/PC
					X=Others

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(ITU Grid Wavelengths)

Package Dimensions

