

100 or 200GHz DWDM Filter (ITU Grid Wavelengths)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter				Unit	100GHz	200GHz
Pass Channel	Wavelength			nm	ITU Grid	
	Bandwidth (@-0.5dB)			nm	±.011	±0.25
	Center Wavelength Accuracy			nm	±.05	±0.10
	Ripple		Max	dB	0.4	
Reflect Channel	Isolation	Adjacent (23℃, All SOP)	Min	dB	25	
		Non-adjacent (23℃, All SOP)	Min	dB	35	
	Insertion Loss (23℃, All SOP) (Add/.Drop Ch)		Max	dB	1.0	
	Insertion Loss (23℃, All SOP) (Express Ch)		Max	dB	0.4	
	Isolation (23℃, All SOP)		Min	dB	10	
	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				℃	0~+70	
Storage Temperature				℃	-40~+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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DWDMF	Channel Spacing	Wavelength (ITU)	Fiber Type	Fiber Length	Connector
DWDMF	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		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

Package Dimensions

