

100 or 200GHz DWDM FILTER (ITU Grid Wavelengths)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	100GHz	200GHz	
Pass Channel	Wavelength	nm	ITU Grid		
	Bandwidth (@-0.5dB)	nm	±0.11	±0.25	
	Center Wavelength Accuracy	nm	±0.05	±0.10	
	Ripple	Max	dB		
	Isolation	Adjacent (23°C, All SOP)	Min	dB	
		Non-adjacent (23°C, All SOP)	Min	dB	
Insertion Loss (23°C, All SOP) (Add/.Drop Ch)		Max	dB		
Reflect Channel	Insertion Loss (23°C, All SOP) (Express Ch)	Max	dB		
	Isolation (23°C, All SOP)	Min	dB		
PDL	Max	dB	0.1		
PMD	Max	ps	0.1		
Return Loss	Min	dB	45		
Directivity	Min	dB	50		
Optical Power Handling	Max	mW	300		
Package Dimension		mm	φ5.5 x L35		
Operating Temperature		°C	0~+70		
Storage Temperature		°C	-40~+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.

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

