

100/200GHZ DWDM FILTER
Specifications

Parameter	Unit	100GHz	200GHz
Channel Spacing		100Ghz	200Ghz
Center Wavelength (λ_c)	nm	ITU Grid	ITU Grid
Channel Bandwidth	nm	$\lambda_c \pm 0.11$	$\lambda_c \pm 0.25$
Channel Flatness	dB	≤ 0.5	≤ 0.5
Insertion Loss	dB	≤ 1.3	≤ 1.3
Uniformity	dB	≤ 1.0	≤ 1.0
Adjacent Channel Isolation	dB	≥ 25	≥ 25
Non-Adjacent Channel Isolation	dB	≥ 30	≥ 30
Directivity	dB	≥ 55	
Return Loss	dB	≥ 45	
PDL	dB	≤ 0.1	
PMD	ps	≤ 0.05	
Wavelength Thermal Stability	nm/°C	≤ 0.002	
Insertion Loss Thermal Stability	dB/°C	≤ 0.005	
Power Handling	mW	≤ 500	
Operating Temperature	°C	0 ~ +70	
Storage Temperature	°C	-40 ~ +85	
Package Dimension	mm	$\Phi 5.5 \times L35$	

Ordering Information

DWDMF	Channel Spacing	Wavelength (ITU)	Fiber Type	Fiber Length	Connector
DWDMF	1=100GHz 2=200GHz	21=ITU 21 22=ITU 22 23=ITU 23 XX=Others	B=SMF-28, 250um L=SMF-28, 900um X=Others	10=1.0m 25=2.5m XX=Others	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC LC=LC/PC XX=Others