

100/200GHZ HIGH ISOLATION DWDM FILTER

Specifications

Parameters		Unit	Value	
Filter Type			100GHz	200GHz
Center Wavelength CWL		nm	ITU Grid in C band	
Pass Band	Min. Bandwidth @0.5dB	nm	0.18	0.5
	Typ. Bandwidth @0.5dB	nm	0.22	0.7
	Max. Insertion Loss @C→P	nm	1.4	1.3
	Typ. Insertion Loss @C→P	nm	1.0	1.0
Reflection Band	Min. Channel Isolation @C→P	nm	40	40
	Max. Insertion Loss @C→R	dB	0.5	0.5
	Typ. Insertion Loss @C→R	dB	0.3	0.3
	Min. Channel Isolation @C→R	dB	12	12
	Typ. Channel Isolation @C→R	dB	14	14
Max. PDL		dB	0.1	
Typ. PDL		dB	0.05	
Min. Directivity		dB	50	
Min. Return Loss		dB	50	
Center Wavelength Stability		nm/°C	≤0.002	
Thermal Stability		dB/°C	≤0.005	
Max. Optical Power		mw	300	
Fiber Type			SMF-28 Fiber	
Max. Tensile Load		N	5	
Operating Temperature		°C	-5 to +70	
Storage Temperature		°C	-40 to +85	
Package Dimension		mm	Φ5.5 xL35	

Ordering Information

HDWDMF	Channel Spacing	ITU Channel	Fiber Type	Fiber Length	Connector
HDWDMF	1=100GHz 2=200GHz	21=ITU 21 22=ITU 22 23=ITU 23 XX=Others	B=SMF-28, 250um L=SMF-28, 900um H=SMF-28, 3mm X=Others	10=1.0m 25=2.5m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=Others