



**CWDM FILTER**

**Specifications**

Parameter	Unit	Value	
Operating Wavelength	nm	1470 to 1610	
Center Wavelength Accuracy	nm	± 0.5	
Channel Spacing	GHz	20	
Channel Passband (@-0.5dB bandwidth)	nm	>15	
Pass Channel Insertion Loss	dB	<=0.6	
Reflection Channel Insertion Loss	dB	<=0.5	
Channel Ripple	dB	< 0.3	
Isolation	Adjacent	dB	>30
	Non-adjacent	dB	>40
Insertion Loss Temperature Sensitivity	dB/°C	<0.005	
Wavelength Temperature Shifting	nm/°C	<0.002	
Polarization Dependent Loss	dB	<0.10	
Polarization Mode Dispersion	ps	<0.1	
Directivity	dB	>50	
Return Loss	dB	>45	
Power Handling	mw	300	
Operating Temperature	°C	0 ~+70	
Storage Temperature	°C	-40 ~+85	
Package Dimension	mm	Φ5.5 xL35	

**Ordering Information**

CWDMF	Wavelength	Fiber Type	Fiber Length	Connector
CWDMF	47=1470nm	B=SMF-28, 250um	10=1.0m	NE=None
	49=1490nm	L=SMF-28, 900um	25=2.5m	FA=FC/APC
	51=1510nm			FC=FC/PC
	53=1530nm	X=Others	XX=Others	SA=SC/APC
	55=1550nm			SC=SC/PC
	57=1570nm			ST=ST/PC
	59=1590nm			LA=LC/APC
	61=1610nm			LC=LC/PC
	XX=Others			XX=Others