

CWDM FILTER

(1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value	
Pass Channel	Wavelength	nm	1471, 1491 ... 1591, 1611	
	Center Wavelength Accuracy	nm	± 0.5	
	Bandwidth (@-0.5dB)	Min nm	13	
	Isolation	Adjacent (23°C, All SOP)	Min dB	30
		Non-adjacent (23°C, All SOP)	Min dB	40
Reflect Channel	Insertion Loss (23°C, All SOP)	Max dB	0.6	
	Ripple	Max dB	0.3	
	Insertion Loss (23°C, All SOP)	Max dB	0.5	
	Isolation (23°C, All SOP)	Min dB	15	
	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.

CWDMF	Wavelength	Fiber Type	Fiber Length	Connector
CWDMF	47=1471nm	B= SMF-28, 250um	10=1.0m	NE=None
	49=1491nm	L= SMF-28, 900um	15=1.5m	FA=FC/APC
	51=1511nm	X=Others	20=2.0m	FC=FC/PC
	53=1531nm		30=3.0m	SA=SC/APC
	55=1551nm		X=Others	
	57=1571nm			ST=ST/PC
	59=1591nm			LA=LC/APC
	61=1611nm			LC=LC/PC
	X=Others			X=Others

Package Dimensions

