

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			dB	± 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	45
	Insertion Loss (23°C, All SOP)			Max	dB	0.6
Reflect Channel	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	Φ 5.5 x L35	
Operating Temperature				°C	-5 to 70	
Storage Temperature				°C	-40 to 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		20=2.0m	FC=FC/PC
	53= 1531nm	X=Others	30=3.0m	SA=SC/APC
	55= 1551nm			SC=SC/PC
	57=1571nm			LC=LC/PC
	59=1591nm		X=Others	
	61=1611nm			X=Others
	X=Others			

Package Dimensions

