

CWDM Filter

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

Specifications

Contact Hengyan Photonics 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
	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	
Return Loss			Min	dB	50	
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 Hengyan Photonics 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		X=Others	ST=ST/PC
	59=1591nm			LA=LC/APC
	61=1611nm			LC=LC/PC
	X=Others			X=Others

Package Dimensions

