

CWDM Module

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

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter					Unit	4-Ch		8-Ch		
Wavelength					nm	1471, 1491 ... 1591, 1611				
Channel Spacing					GHz	20				
Channel	Center Wavelength Accuracy				nm	± 0.5				
	Bandwidth (@-0.5dB)			Min	nm	13				
	Ripple			Max	dB	0.3				
	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	1.8	2.6			
Uniformity				Max	dB	0.6	1.0			
PDL				Max	dB	0.2				
Return Loss				Min	dB	45				
Directivity				Min	dB	45				
Optical Power Handling				Max	mW	300				
Package Dimension					mm	110x95x8				
Operating Temperature					°C	0 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 Hengyan Photonics with your custom configuration needs.

CWDM	Channels	Start Channel	Fiber Type	Fiber Length	Connector	Express Port
CWDM	4=4-Ch	47=1471nm	B= SMF-28, 250um	10=1.0m	NE=None	E=With Express Port
	8=8-Ch	49=1491nm	L= SMF-28, 900um	15=1.5m	FA=FC/APC	
	X=Others	51=1511nm	H=SMF-28, 3mm	20=2.0m	FC=FC/PC	
		53=1531nm	X=Others	30=3.0m	SA=SC/APC	
		55=1551nm		X=Others	SC=SC/PC	
		57=1571nm			ST=ST/PC	
		59=1591nm			LA=LC/APC	
		61=1611nm			LC=LC/PC	
		X=Others			X=Others	

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Package Dimensions

