

## CWDM Module

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

### Specifications

Contact Ascentta 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		
PMD		Max	ps	0.1		
Return Loss		Min	dB	45		
Directivity		Min	dB	50		
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 Ascentta 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	
		51=1511nm	H=SMF-28, 3mm	20=2.0m	FC=FC/PC	
	X=Others	53=1531nm		30=3.0m	SA=SC/APC	
		55=1551nm	X=Others		SC=SC/PC	
		57=1571nm			ST=ST/PC	
		59=1591nm		X=Others	LA=LC/APC	
		61=1611nm			LC=LC/PC	
	X=Others			X=Others		

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*Package Dimensions*

