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**CWDM MODULE**
**Specifications**

Parameter		Unit	Value
Operating Wavelength		nm	1470,1490,1510,1530,1550,1570,1590,1610
Center Wavelength Accuracy		nm	± 0.5
Channel Spacing		GHz	20
Channel Passband (@-0.5dB bandwidth)		nm	>13
Insertion Loss	4-Channel	dB	≤ 1.8
	8-Channel	dB	≤ 2.6
Channel Uniformity	4-Channel	dB	≤ 0.6
	8-Channel	dB	≤ 1.0
Channel Ripple		dB	< 0.3
Isolation	Adjacent	dB	>30
	Non-adjacent	dB	>40
Insertion Loss Temperature Sensitivity		dB/°C	<0.005
Wavelength Temperature Shifting		nm/°C	<0.002
Polarization Dependent Loss		dB	<0.10
Polarization Mode Dispersion		ps	<0.1
Directivity		dB	>50
Return Loss		dB	>45
Power Handling		mw	300
Operating Temperature		°C	0 ~+70
Storage Temperature		°C	-40 ~+85
Package Dimension		mm	95 x 8 x 110

**Ordering Information**

CWDM	Channels	Start Channel	Fiber Type	Fiber Length	Connector
CWDM	4=4 Ch 8=8 Ch	47=1470nm	B=SMF-28, 250um	10=1.0m 25=2.5m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=Others
		49=1490nm	L=SMF-28, 900um		
	51=1510nm	H=SMF-28, 3mm	XX=Others		
	53=1530nm				
	55=1550nm	X=Others			
	57=1570nm				
	59=1590nm				
	61=1610nm				
	XX=Others				