

## CWDM Module (CWDM)



### Overview:

CWDM module is cascaded with 1x2 CWDM components. It features wide pass band, low insertion loss, high channel isolation, high stability and reliability.

### Features:

- \* Wide pass band
- \* High isolation
- \* Low insertion loss
- \* High stability and reliability

### Applications:

- \* CWDM systems

**Specification:**

Parameter \ Type	4 Channels	8 Channels
Insertion loss(dB)	< 2.0	< 3.5
Central wavelength(nm)	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611	
Channel space(nm)	20	
Channel bandwidth(nm)	$\lambda_c \pm 0.5$	
Channel flatness(dB)	< 0.4	
Channel uniformity (dB)	< 1.0	
Adjacent channel isolation(dB)	> 30	
Non-adjacent channel isolation(dB)	> 40	
Directivity(dB)	> 55	
Return loss(dB)	> 50	
PDL(dB)	< 0.15	
PMD(ps)	< 0.1	
Wavelength thermal stability (nm/°C)	< 0.003	
Insertion loss thermal stability (dB/°C)	< 0.005	
Power handling(miW)	< 500	
Operating temperature(°C)	0 ~ +70	
Storage temperature(°C)	-40 ~ +85	
Dimensions(mm)	100 × 80 × 10	125 × 96 × 16

\*The above specification is without connector.

\*Other specifications can be made on customer request.

**Ordering Information:**

CWDM-X-X-XXXX-X-XX/XXX

- ↳ Connector : FC/UPC, FC/APC etc.
- ↳ Pigtail Type : 0=250μm, 1=900μm, 2=2mm, 3=3mm, 4=others
- ↳ Start Wavelength : 1471, 1491, 1511...
- ↳ Channel Number : 1=1 channel, 4=4 channels, 8=8 channels
- ↳ Type : M=Mux, D=Demux