

## Coarse Wavelength Division Multiplexer



### Applications

- CWDM systems
- Metro/Access networks
- CATV network

### Features

- Extend temperature range
- Flat and Wide passband
- High demux channel isolation

### Specifications

Parameters	Specification
Channel Wavelength (nm)	1270 - 1610
Central wavelength Accuracy (nm)	±0.5
Channel space (nm)	20
Channel Pass band (@-0.5dB) bandwidth (nm)	>13
Pass Channel Insertion Loss (dB)	≤0.6
Reflection Channel Insertion Loss (dB)	≤0.4
Channel Ripple (dB)	<0.3
Adjacent channel isolation (dB)	≥30
Non-adjacent channel isolation (dB)	≥40
Directivity (dB)	≥55
Return loss (dB)	≥45
PDL Polarization Dependent Loss (dB)	≤0.1
PMD Polarization Mode Dispersion (ps)	≤0.1
Power handling (mW)	≤500
Operating temperature (°C)	-20 ~ +75
Storage temperature (°C)	-40 ~ +85
Dimensions (mm)	φ 5.5×L35

Above specification are for device without connector

### Ordering Information

Products	Type	Fiber Type	Fiber Length	Connector
C=CWDM Device	12=1270nm ..... 49=1490m ..... 61=1610nm	1=1 Bare fiber 2=900um Loose tube	1=1m 2=2m ...	0=none 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=LC