



Features

- Low Insertion Loss
- Wide Passband
- High Channel Isolation
- High Stability and reliability
- Epoxy free on optical path
- Compact size

Applications

- Line Monitoring
- WDM Network
- Telecommunication
- Cellular Application
- Fiber Optical Amplifier
- Access Network

Specification

Parameters		Specification
Operating Wavelength (nm)		1260~1620
Channel (nm)		1271 , 1311 , 1331 , 1351 , 1451 , 1471 , 1491 , 1511 , 1531 , 1551 , 1571 , 1591
Channel Spacing (nm)		20
Channel Passband(@-0.5dB bandwidth) (nm)		±7
Insertion Loss ¹ (dB)	1271	2.4
	1311	2.2
	1331	1.9
	1351	1.6
	1451	1.3
	1471	1.3
	1491	2.4
	1511	2.4
	1531	2.2
	1551	1.9
	1571	1.6
	1591	1.3
Isolation (dB)	Adjacent	>30
	Non-adjacent	>40
Insertion Loss Temperature Sensitivity (dB)		<0.5
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
Maximum Power Handling (mW)		300
Storage Temperature (°C)		-10~+75
Storage Temperature (°C)		-40~+85
Fiber Type		0.9mm Loose Tube Hytel,G657A2
Fiber Length (m)	Com port	<0.5
	1271/1311/1331/1351 Channel	
	1451/1471/1571/1591 Channel	
	1491/1511/1531/1551 Channel	
Connector	Com Port	SC/UPC
	Channel Port	LC/UPC
Package size (mm)		L65×W46×H8

Notes: 1. Insertion Loss tested with connector.

Ordering Information: HC-12CH-MINI CWDM-A-B-C-D-E

Number of Channels	1st Channel	Configuration	Fiber Type	Fiber Length	Connector
	A	B	C	D	E
12 Channel	27=1270nm 47=1470nm 61=1610nm	M=Mux D=Demux	1=Bare fiber 2=900um loose tube 3=2mm Cable 4=3mm Cable	1=1m 2=2m S=Specify	0=None 1=FC/APC 2=FC/PC 3=FC/UPC 4=SC/APC 5=SC/PC 6=SC/UPC 7=ST 8=LC/UPC 9=LC/APC S=Specify