

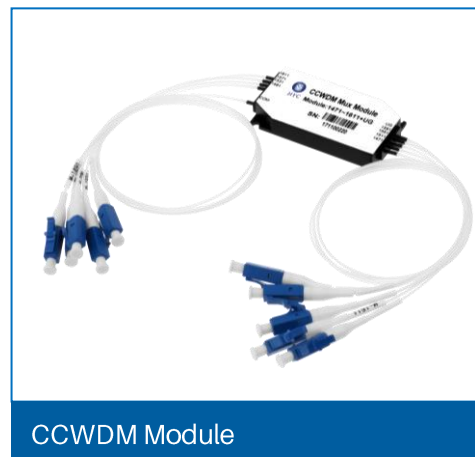
# CCWDM Module

## Description

The CCWDM module of HYC is a wavelength division multiplexing technology based on TFF (thin film filter). It works in the same way as the CWDM module. The difference is that CCWDM adopts free space technology, Compared with the CWDM module, its package size is greatly reduced, and the insertion loss is lower and the consistency is better. It can replace CWDM products and be used in TC, enterprise network, PON network, CATV and other fields.

## Features

- Low insertion loss, low PDL
- High isolation
- Working Wavelength Width
- Wide operating temperature
- High reliability and stability
- Package size, wavelength, interface requirements are optional



CCWDM Module

## Application

- CT
- PON network
- Enterprise network

## Specification

Items	Unit	CCWDM Module	
Channels	CH	4	8
Operating wavelength	nm	1260~1620	
Transmission band	nm	±6.5、±7.0、±7.5	
Transmission band insertion loss	dB	≤1.4	≤1.7
Transmission Adjacent Isolation	dB	≥30	
Transmission Non-adjacent isolation	dB	≥45	
Return loss	dB	≥45	
Directivity	dB	≥50	
Ripple	dB	≤0.5	
Package dimension	mm	L40xW22xH6.4、customizable	
Operating temperature	°C	-25~+70	
Fiber type		900um loose tube	
Connector type		LC/PC(or customize)	