

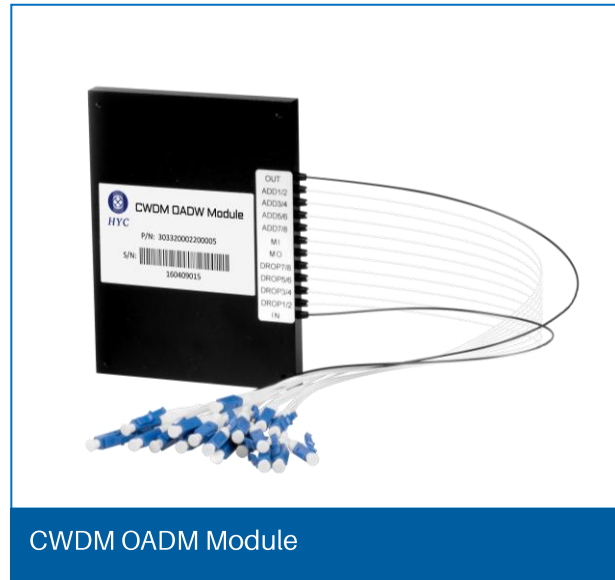
CWDM OADM Module

Description

The CWDM OADM ABS module of HYC is a wavelength division multiplexing technology based on TFF (thin film filter), which has a variety of package sizes and wavelength options; In the transmission optical path, OADM can upload and download WDM signals without photoelectric conversion, and it is one of the key nodes in WDM optical network. Using OADM can make its network flexible, easy to upgrade and expand its scale, and it is widely used in LAN, MAN, 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



Application

- 5G CT
- MAN
- LAN

Specification

Items	Unit	CWDM OADM Module			
Channels	CH	1	2	4	8
Operating wavelength	nm	1260~1650 & 1460~1650			
Transmission band	nm	±6.5、±7.0、±7.5			
Transmission band insertion loss	dB	≤1.0	≤1.4	≤1.8	≤2.8
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	L120xW80xH18、L120xW80xH10、L100xW80xH10		MINI: L100xW45xH10、L80xW60xH12	
Operating temperature	°C	-40~+85			
Fiber type		900um loose tube(or customize)			
Connector type		LC/PC(or customize)			