

CWDM Module



Product Introduction

Accelink's CWDMs are based on thin film filter technology and core of packaged. Packaging options include fiber type and integration of aps and detectors for a complete Coarse Wavelength Division Multiplexing solution.

Features

- High demux channel isolation
- Low polarization dependent loss
- Stable and reliable performance
- All-optical path without adhesive bonding

Applications

- Metro CWDM system
- Access CWDM system
- Enterprise network

Standards

- Telcordia GR-1221-CORE
- RoHS

Specifications

Parameter	Unit	value			
		2	4	8	16
Channel Number		2	4	8	16
Central Wavelength		ITU-T Grid			
Pass Band@-0.5dB	nm	≥14			
Pass Band	nm	ITU-T ±6.5			
Pass Band Flatness	dB	≤0.5			
Insertion Loss(Typ.)	dB	1.4	1.6	2.6	3.8
Insertion Loss(Max.)	dB	1.7	2.0	3.2	4.5
Adjacent Channel Isolation	dB	≥30			
Non- adjacent Channel Isolation	dB	≥45			
Return loss	dB	≥45			
PMD	PS	≤0.10	≤0.10	≤0.15	≤0.15
PDL	dB	≤0.10	≤0.15	≤0.22	≤0.25
Directivity	dB	≥50			
Operation Temperature	°C	-5 ~ +65			
Storage Temperature	°C	-40 ~ +85			
Pakeage	mm	88.9×50.8×8	120×80×13	130×87×13	150×115×13

Ordering Information

DWDM- 2 -□-□-□-□-□-□

- Application Type: M:Mux D:Demux M/D:Mux&Demux
- Connector: SC、FC、LC、MU、NA: Inconsistent
- Fiber Length: 0.5:0.5m、customer specify
- Fiber Type: 09: Φ0.9mm
- Start Channel Number: 1271、1291、Refer ITU channel table
- Channel Number: 2、4、8、16