100GHz DWDM Module

Dense Wavelength Dividion Multiplexing(DWDM)is a Technology That Puts Data Different Sources Together on an Optical Fiber,with Each Signal Carried at the Same Time on Its Own Separate Light Wavelength.

Features

- 100GHz ITU Channel Spacing

Applications

- Channel Add/Drop
- DWDM Network
- Wavelength Routing
- Fiber Optical Amplifier
- CATV Fiber Optical System

Parameter		Value					
Product Type		2	4	8	16	32	40
Central Wavelength		ITU-T Grid					
Passband@0.5dB(nm)		≥0.3					
Passband(nm)		λITU±0.11					
Passband Flatness(dB)		≤0.5					
Insertion Loss (dB)	Typ.	1.4	2.0	2.4	3.5	4.8	5.2
	Max.	1.5	2.2	3.0	4.5	5.5	6
PDL (dB)		≤0.15	≤0.15	≤0.15	≤0.20	≤0.30	≤0.30
Adjacent Channel Isolation (dB)		≥25					
Non-adjacent Channel Isolation (dB)		≥45					
Return Loss(dB)		≥45					
Directivity(dB)		≥50					
Operating Temperature(℃)		-5 ~ +70					
Storage Temperature(℃)		-40 ~ +85					

Note: 1. All the data above does not include connectors

2. Device package is available