



Key Features

- Low Insertion loss
- Standard ITU channel
- High channel isolation
- Epoxy-free Optical path
- Stable performance

Applications

- DWDM System
- CATV networks



Parameter Specifications

Parameters	1 Channels	2 Channels	4 Channels	6 Channels	8 Channels	Units
Insertion Loss (Add/Drop)	≤0.7	≤1.0	≤1.6	≤2.2	≤2.8	dB
Ripple	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	dB
Polarization Dependent Loss	≤0.2	≤0.2	≤0.2	≤0.2	≤0.2	dB
Dimension	80 x 58 x 8	80 x 58 x 8	80 x 58 x 8	80 x 58 x 8	100 x 80 x 10	mm
Channel Center Wavelengths	ITU Grid					nm
Channel Spacing	100 or 200					GHz
Channel Passband	100G:λc ± 0.11					nm
	200G:λc ± 0.25					
Isolation-Adjacent	≥30					dB
Isolation-Non-adjacent	≥40					dB
Return Loss	≥45					dB
Directivity	≥50					dB

Notes:

- The above specs exclude connector loss, each pair of connector adds 0.25dB

Operating Conditions

Parameters	Specification	Units
Maximum Power handling	500	mW
Operating Temperature*	-5 ~ +70	°C
Storage Temperature	-40 ~ +85	°C
Operation Humidity	5 to 95 % Relative Humidity	

* Contact us for your Industrial temperature application.

Part Number Scheme: DWDM Modules

