

100GHz DWDM OADM Module

4/8-Channel

Features

- 100GHz Channel Spacing
- Low Insertion Loss
- High Channel Isolation

Applications

- CATV Links
- Add/Drop Systems
- DWDM Systems



Parameters		100GHz DWDM OADM Module	
Number of Channels		4Channels	8Channels
Central Wavelengths [λ_c] (nm)		1529.55~1560.61	
Channel Spacing		100GHz	
Channel Passband (nm)		$\lambda_c \pm 0.11$	
Insertion Loss (dB)	4Ch	≤ 2.0	
	8Ch	≤ 3.0	
Isolation (dB)	Adjacent Channel	> 30	
	Non-Adjacent Channel	> 40	
Passband Ripple (dB)		≤ 0.5	
Polarization Dependent Loss (dB)		< 0.15	
Polarization Mode Dispersion (ps)		< 0.2	
Return Loss (dB)		> 45	
Directivity (dB)		> 50	
Maximum Optical Power (mw)		500	
Operating Temperature ($^{\circ}\text{C}$)		0 ~ +70	
Storage Temperature ($^{\circ}\text{C}$)		-40 ~ +85	
Package Dimension (mm) ABS Box		100x80x10	
LGX Box		1U/2U/4U available	
19" Rack-mount		1U available	
Pigtail Length		1.0meter	

*All values specified are without connectors, connectors can be supplied on request.

*Fiber type SMF-28 unless otherwise specified.

Ordering Information

100-OADM	x	xx	xx	xx	xx	x
	Channel	ITU Channel	Add/Drop	Fiber Type	Fiber Length	Connector
100GHz OADM	4=4Ch	21=21th Ch	44=4x4	01=900um	10=1.0m	1=SC/APC
	8=8Ch	...	88=8x8	02=2.0mm	12=1.2m	2=LC/UPC
		59=59th Ch		03=3.0mm	15=1.5m	3=FC/APC

200GHz DWDM OADM Module

4/8-Channel

Features

- 200GHz Channel Spacing
- Low Insertion Loss
- High Channel Isolation

Applications

- CATV Links
- Add/Drop Systems
- DWDM Systems



Parameters		200GHz DWDM OADM Module	
Number of Channels		4Channels	8Channels
Central Wavelengths [λ_c] (nm)		1529.55~1560.61	
Channel Spacing		200GHz	
Channel Passband (nm)		$\lambda_c \pm 0.25$	
Insertion Loss (dB)	4Ch	≤ 2.0	
	8Ch	≤ 3.0	
Isolation (dB)	Adjacent Channel	> 30	
	Non-Adjacent Channel	> 40	
Passband Ripple (dB)		≤ 0.5	
Polarization Dependent Loss (dB)		< 0.2	
Polarization Mode Dispersion (ps)		< 0.2	
Return Loss (dB)		> 45	
Directivity (dB)		> 50	
Maximum Optical Power (mw)		500	
Operating Temperature ($^{\circ}\text{C}$)		0 ~ +70	
Storage Temperature ($^{\circ}\text{C}$)		-40 ~ +85	
Package Dimension (mm) ABS Box		100x80x10	
LGX Box		1U/2U/4U available	
19" Rack -mount		1U/2U available	
Pigtail Length		1.0meter	

*All values specified are without connectors, connectors can be supplied on request.

*Fiber type SMF-28 unless otherwise specified.

Ordering Information

200-OADM	x	xx	xx	xx	xx	x
	Channel	ITU Channel	Add/Drop	Fiber Type	Fiber Length	Connector
200GHz OADM	4=4Ch	21=21th Ch	44=4x4	01=900um	10=1.0m	1=SC/APC
	8=8Ch	...	88=8x8	02=2.0mm	12=1.2m	2=LC/APC
		59=59th Ch		03=3.0mm	15=1.5m	3=FC/APC