

## 100Ghz DWDM OADM Module

<b>Features:</b>
Low Insertion Loss & High Isolation High Stability and Reliability
<b>Application:</b>
DWDM system Metro/Access Networks CATV Fiberoptic System

### Specifications

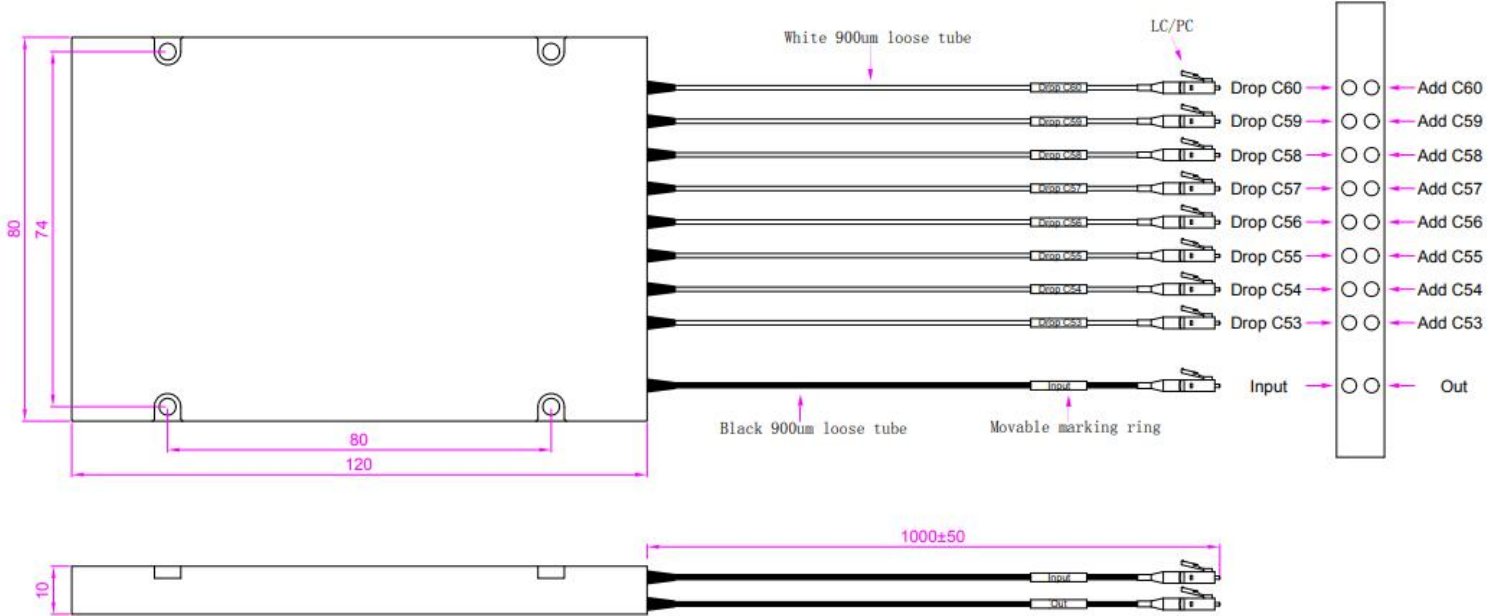
Parameter		Type	1CH		2ch		4ch	
			Add	Drop	Add	Drop	Add	Drop
Channel Wavelength (nm)			20-60 ch					
Center Wavelength Accuracy(nm)			± 0.05					
Channel Spacing (Ghz)			100					
Channel Pass (@-0.5dB bandwidth)			≥0.22					
Insertion loss (dB)	In—Drop@Drop		≤1.2		≤2.0		≤3.2	
	Add-Out@Add		≤1.2		≤2.0		≤3.2	
	In—Out@Other		≤1.6		≤2.5		≤5.0	
Isolation (dB)	Add/Drop Channel	Adjacent Ch	≥30					
		Non-adjacent Ch	≥40					
Directivity (dB)			≥50					
Return loss (dB)			≥45					
PDL (dB)			≤0.15					
Wavelength thermal stability (nm/°C)			≤0.003					
Insertion loss thermal stability (dB/°C)			≤0.005					
Power handling (mW)			≤500					
Fiber			G657A1					
Operating temperature (°C)			0 ~ +70					
Storage temperature (°C)			-40 ~ +85					
Dimensions (mm)			Standard Box: 100x80x10 Mini:80x60x12mm,100x45x10mm LGX 1U					

### Ordering Information:

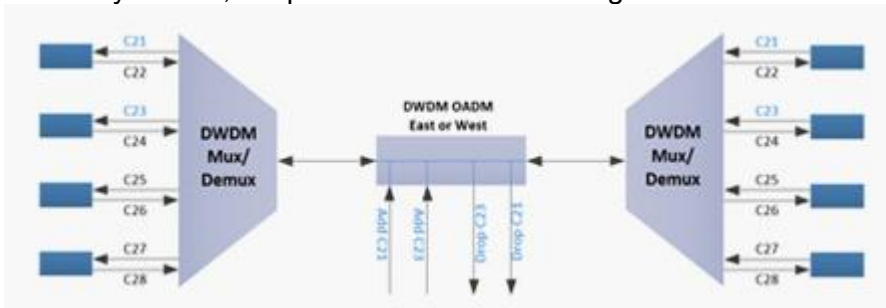
OADM	Channel spacing	Channel number	Shortest Channel Wavelength	0 0 0	Package Type	Pigtail Type	Length	Connector/Adapter
	1= 100Ghz	1=1 ch 2=2 ch 4=4 ch	XX=ITU Channel	0 0 0	1=100X80X10MM 2=80X60X12 3=100X45X10 4=LGX 1U 5=19" rack	2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m	0=None 3=SC/APC 4=SC/UPC 6=LC/PC 7=LC/APC

# 100Ghz DWDM OADM Module

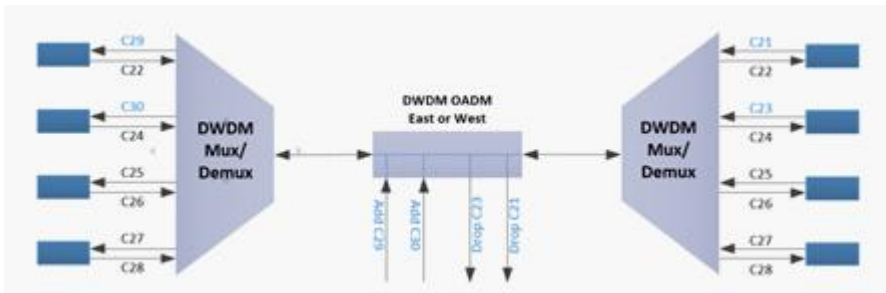
## OADM optical Path



## Single Fiber Bidirectional Transmisson Mode One Way OADM, Drop/Add the same wavelength

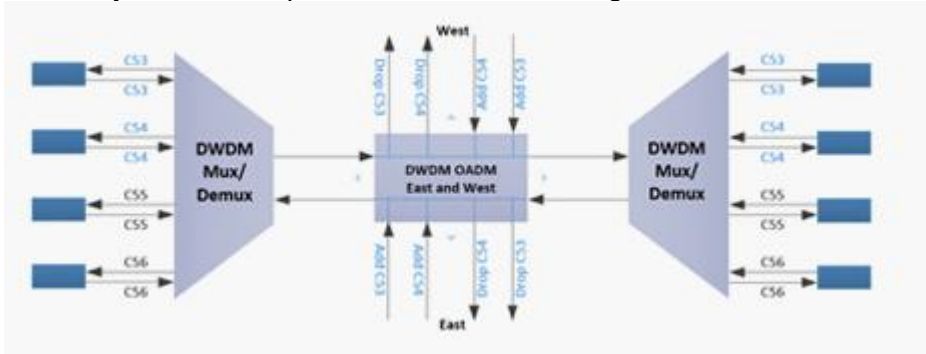


## Single Fiber Bidirectional Transmisson Mode One Way OADM, Drop/Add the difference wavelength



## 100Ghz DWDM OADM Module

Dual Fiber Bidirectional Transmisson Mode  
Two Way OADM, Drop/Add the same wavelength



Dual Fiber Bidirectional Transmisson Mode  
Two Way OADM, Drop/Add the difference wavelength

