100Ghz DWDM OADM Module

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

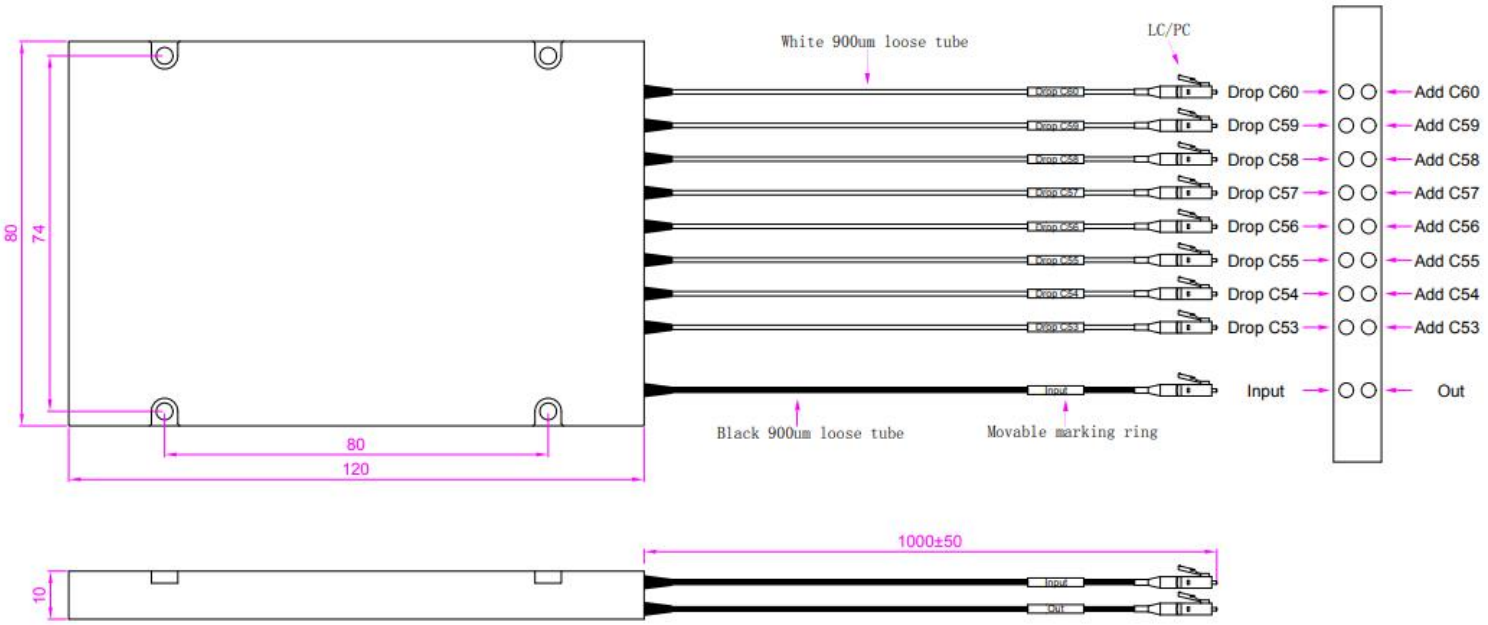
Specifications

Type		1CH	2ch	4ch	8ch
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	≤1.6	≤2.0	≤3.2
	Add-Out@Add	≤1.2	1.6	≤2.0	≤3.2
	In—Out@Other	≤1.6	2	≤2.5	≤3.7
Isolation (dB)	Adjacent Ch	≥28			
	Non-adjacen t Ch	≥40			
Directivity (dB)		≥50			
Return loss (dB)		≥45			
PDL (dB)		≤0.15			
Power handling (mW)		≤500			
Fiber		G657A1			
Operating temperature (℃)		0 ~ +70			
Storage temperature (℃)		-40 ~ +85			
Dimensions (mm)		Standard Box: 100x80x10, 120x80x18 Mini:80x60x12mm,100x45x10mm LGX 1U			

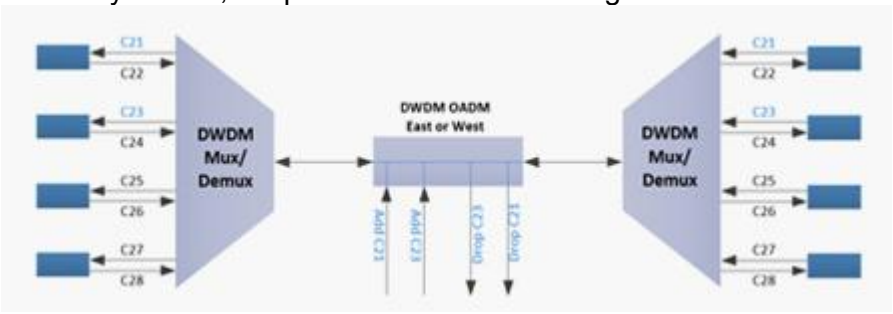
Ordering Information:

OADM	Channel spacing	Channel number	Shortest Channel Wavelength	000	Package Type	Pigtail Type	Length	Connector/Adapter
	1= 100Ghz	1=1 ch 2=2 ch 4=4 ch 8=8 CH	XX=ITU Channel	000	1=100X80X 10MM 2=80X60X12 3=100X45X10 4=LGX 1U 5=19” rack	2=900um 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

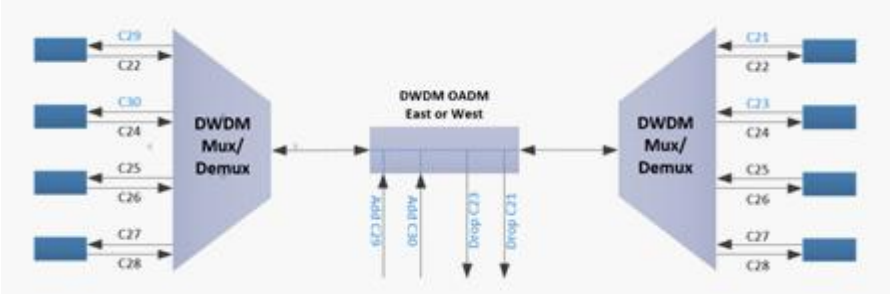
OADM optical Path



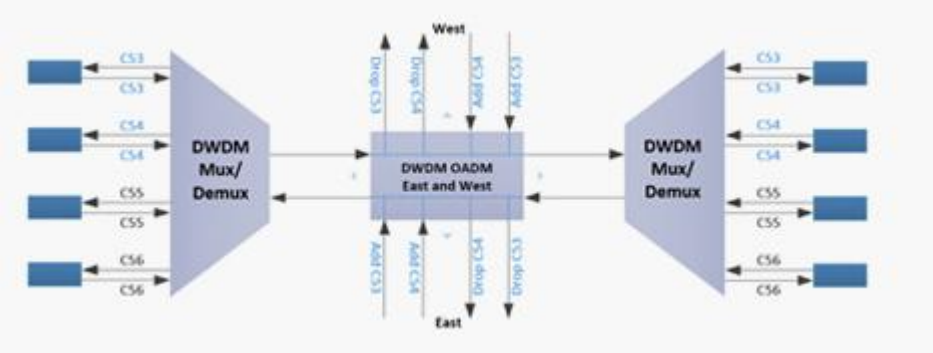
Single Fiber Bidirectional Transmisson Mode
One Way OADM, Drop/Add the same wavelength



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



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