

100Ghz DWDM OADM Module

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

Specifications

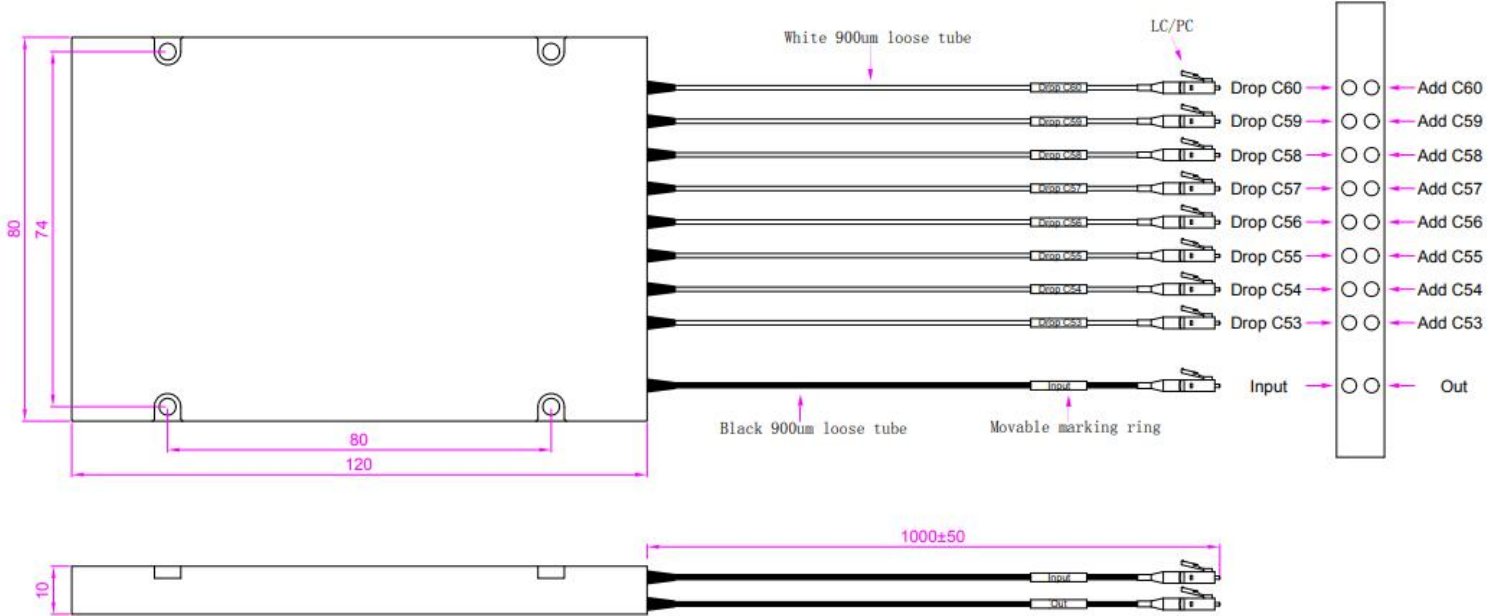
Parameter	Type	1CH		2ch		4ch	
		Add	Drop	Add	Drop	Add	Drop
Channel Wavelength (nm)		20-60 ch					
Center Wavelength Accuracy(nm)		± 0.05					
Channel Spacing (Ghz)		100					
Channel Pass (@-0.5dB bandwidth)		≥0.22					
Insertion loss (dB)	In—Drop@Drop	≤1.2		≤2.0		≤3.2	
	Add-Out@Add	≤1.2		≤2.0		≤3.2	
	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:

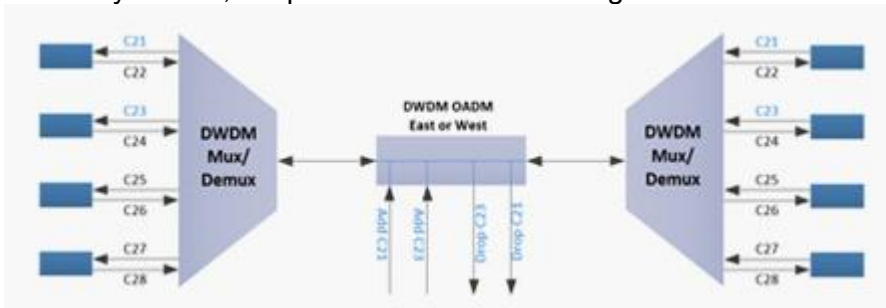
OADM	Channel spacing	Channel number	Shortest Channel Wavelength	0 0 0	Package Type	Pigtail Type	Length	Connector/Adapter
	1= 100Ghz	1=1 ch 2=2 ch 4=4 ch	XX=ITU Channel	0 0 0	1=100X80X10MM 2=80X60X12 3=100X45X10 4=LGX 1U 5=19" rack	2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m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

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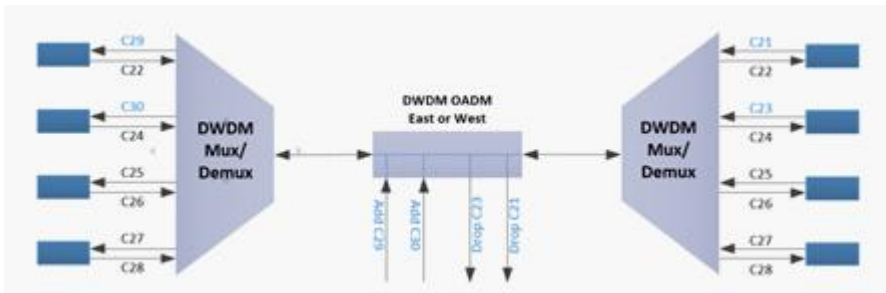
OADM optical Path



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

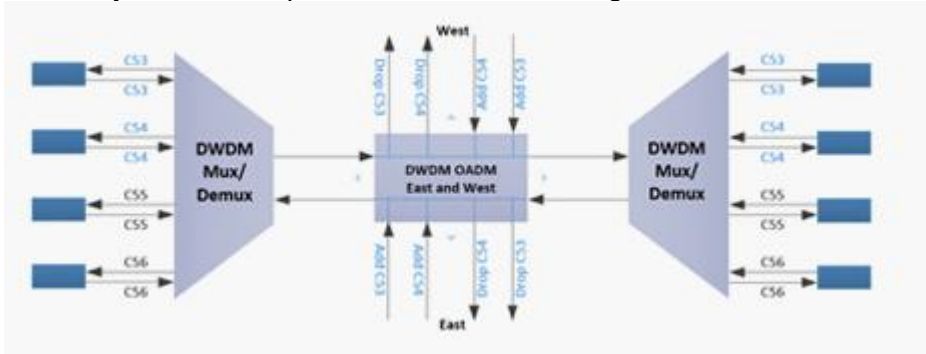


Single Fiber Bidirectional Transmisson Mode One Way OADM, Drop/Add the difference wavelength



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

