

2 Channel Optical Add/Drop Multiplexer

Key Features

- Low Insertion Loss
- High Channel Isolation
- High Stability and reliability
- Compact case size

Applications

- Telecommunications system
- Long-haul single and bidirectional
- Digital, hybrid video systems
- CATV links & Fiber sensors

Specifications

Parameter		2CH (1A/1D)OADM
Channel Wavelength(nm)		1270/1290...1590/1610
Channel Spacing (nm)		20
Channel Passband (@-0.5dB bandwidth)(nm)		±6.5
Insertion Loss (dB)	Add/Drop Ch.	< 1.0
	Express Ch.	< 0.8
Add/Drop Channel Ripple (dB)		< 0.3
Isolation (dB)	Add/Drop Ch.	>30
	Express Ch.	>15
Insertion Loss Temperature Sensitivity (dB/°C)		< 0.005
Wavelength Temperature Shifting (nm/ °C)		< 0.002
Polarization Dependent Loss (dB)		< 0.10
Polarization Mode Dispersion (ps)		< 0.1
Directivity (dB)		>50
Return Loss (dB)		>45
Power Handling (mW)		300
Package Size (mm)		Φ5.5 x L38(for 900um Loose tube or bare fiber)
		ABS box 100×80×10mm
Operating Temperature	°C	-5~+65
Storage Temperature	°C	-40~+85
Operating Humidity	%RH	≤93
Storage Humidity	%RH	≤93

Part number:

OADM

Channel Spacing	Channel Number	Configuration	Add	Drop	Fiber Type	Fiber Length	Connector
C=CWDM	2=2ch	11=1 Add 1 Drop 31...		47..	L=900um	10=1m	00=None
Grid	4=4ch	22=2 Add 2 Drop (31, 37)..		(47,51)	Loose	12=1.2m	FA=FC/APC
	8=8ch	33=3 Add 3 Drop (31,37,39)		(47,51,55)	tube	15=1.5m	FU=FC/PC
		44=4 Add 4 Drop (31,37,39,41)		(47,51,55,59)		20=2.0m	SA=SC/APC
			...	..	S=2.0mm		SU=SC/PC
		...	...	loose		ST=ST/PC	
		...	...	tube		LU=LC/PC	
		...	...		R=3.0mm		

Note: 31=1310nm,37=1370nm,39=1390nm...47=1470nm, 55=1550nm