

CWDM Optical Add/Drop Module

1. Features:

- Low insertion loss
- High isolation
- High Return Loss
- Excellent environmental stability and reliability



2. Applications:

- CWDM System
- PON Networks
- Communication System
- Test Instrumentations
- CATV Links



3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS



4. Specifications:

Parameters		1CH	2CH	4CH	8CH
Center Wavelength (nm)		ITU, ITU+1			
Passband (nm)		ITU±6.5			
Operating Wavelength (nm)		1460~1620 or 1260~1620			
Channel Space (nm)		20			
Fiber Type		SMF-28e or customer specified			
IL(dB) (P/A Grade)	Add&Drop Channel	0.5/0.6	0.7/1.0	1.4/1.7	2.0/2.5
	Express Channel	0.6/0.8	1.2/1.4	1.8/2.0	3.6/3.8
Isolation(dB)	Add&Drop Adjacent Channel	30			
	Add&Drop Non-Adjacent Channel	50			
	Express Channel	25			
Ripple(dB)		0.3	0.3	0.4	0.5
PDL(dB)		0.1			
PMD(ps)		0.1			
RL(dB)		45			
Directivity(dB)		50			
Maximum Optical Power (mw)		500			
Operating Temperature (°C)		-40~85			
Storage Temperature (°C)		-40~85			
BOX Package(mm)		100*80*10			140*115*18
LGX Package		1U, 2U			
19" Rack mount Package		1U			

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

OADM		XX	X	XXX	XX	XX
Product Description	Channel Type	Initial Wavelength	Pigtail Type	Input&A/D&Express Connector Type	Module Size	Fiber Length
OADM	1=1ch	47=1470	0=250um	0=None	PL=140X115X18Plastic	05=0.5m
	2=2ch	55=1550	1=900um	1=FC/UFC	PM=120X80X18Plastic	08=0.8m
	4=4ch		2=2mm	2=FC/APC	PL=100X80X10Plastic	10=1.0m
	8=8ch		3=3mm	3=SC/UPC	LX=LGX BOX,Metal	12=1.2m
				4=SC/APC	19=19 1U Rack-mount	
				5=LC/UPC		
				6=LC/APC		

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