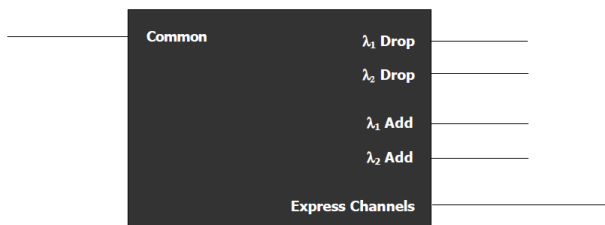


## 100Ghz Optical Add/Drop Module (OADM)

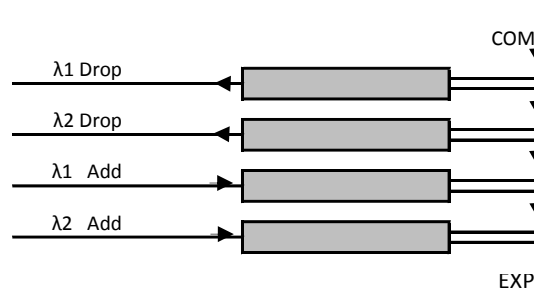
<b>Features</b> Low Insertion Loss High Channel Isolation High Stability and Reliability	
<b>Application</b> DWDM Network Wavelength Routing Fiber Optical Amplifier CATV Fiberoptic System	

### Specifications

Parameter		1ch	2ch
Channel Wavelength (nm)		1530.33 ~ 1560.61 (21~ 59 ITU grid)	
Center Wavelength Accuracy (nm)		$\pm 0.05$	
Minimum Channel Spacing (GHz)		100	
Channel Passband (@-0.5dB bandwidth) (nm)		$> 0.22$	
Insertion Loss (dB)	Add / Drop Ch1	$\leq 1.2$	$\leq 1.2$
	Add / Drop Ch 2	-	$\leq 1.5$
	Express Ch.	$\leq 1.0$	$\leq 1.4$
Add / Drop Channel Ripple (dB)		$\leq 0.3$	
Isolation (dB)	Demux	Adjacent Ch.	$\geq 25$
		Non-adjacent Ch.	$\geq 40$
	Mux	Adjacent Ch.	N/A
		Non-adjacent Ch.	N/A
Express Channel Isolation (dB)		$> 25$	
Insertion Loss Temperature Sensitivity (dB/°C )		$< 0.003$	
Wavelength Temperature Shifting (nm/°C )		$< 0.002$	
Polarization Dependent Loss (dB)		$< 0.10$	
Polarization Mode Dispersion (ps)		$< 0.1$	
Directivity (dB)		$\geq 50$	
Return Loss (dB)		$\geq 45$	
Power Handling (mW)		300	
Operating Temperature (°C)		0 ~ +70	
Storage Temperature (°C)		-40 ~ +85	
Package Dimension (mm)		100x80x10	

\* channel cascading sequence can be adjusted upon requests.

Optical Path Diagram



Ordering Information:

OADM	Spacing	Channel Type	1 <sup>st</sup> ITU Channel	Pigtail Type	Fiber Type	Length	Connector
	1=100Ghz	1=1ch 2=2ch	21=21ch 22=22ch ..... 60=60ch	900=900um loose tube 2000=2mm loose tube 3000=3mm loose tube	1=SMF-28e	1= 1m X=Specify	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other