



Accelink's optical add/drop multiplexers are available on ITU channel spacings of 100GHz, 200GHz and 20nm, they are based on thin film filter technology and flexible integrated with taps and detectors for a complete DWDM solution. Accelink's DWDM devices are Telcordia GR-1221-CORE qualified. All Accelink's products are epoxy-free in the optical path.

## Features

- Epoxy-free optical path
- Exceptional reliability and environmental stability
- High demux channel isolation

## Applications

- Add/Drop Channels
- CATV Fiber optic Links
- OXC system

## Specifications

Parameter	Unit	Value					
		ITU-T Grid					
Central wavelength	nm						
Channel space		100GHz		200GHz		CWDM	
Channel number	nm	4	8	4	8	4	8
Bandwidth@0.5dB	nm	≥0.30	≥0.30	≥0.6	≥0.6	≥14	≥14
Passband	dB	$\lambda_{ITU} \pm 0.11$	$\lambda_{ITU} \pm 0.11$	$\lambda_{ITU} \pm 0.25$	$\lambda_{ITU} \pm 0.25$	$\lambda_{ITU} \pm 6.5$	$\lambda_{ITU} \pm 6.5$
Passband flatness	dB	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5
IL(In>Drop@λ drop)	dB	Max.:2.5	Max.:3.2	Max.:2.5	Max.:3.2	Max.:2.5	Max.:3.2
IL(Add>Out@λ ad)	dB	Max.:2.5	Max.:3.2	Max.:2.5	Max.:3.2	Max.:2.5	Max.:3.2
IL(In>Out@other λ )		Max.:2.8	Max.:4.5	Max.:2.8	Max.:4.5	Max.:2.8	Max.:4.5
Adjacent isolation	dB	≥25				≥30	
Non-adjacent isolation	dB	≥45					
Isolation(In>Out@λ drop)	dB	≥25					
Wavelength thermal stability	nm/°C	≤0.001	≤0.001	≤0.002	≤0.002	≤0.002	≤0.002
Insertion loss thermal stability	dB/°C	≤0.006	≤0.007	≤0.006	≤0.007	≤0.006	≤0.007
PDL	dB	≤0.15	≤0.20	≤0.15	≤0.20	≤0.15	≤0.20
PMD	ps	≤0.10	≤0.15	≤0.10	≤0.15	≤0.10	≤0.15
Return loss	dB	≥45					
Operation temperature	°C	-5~+65					
Storage temperature	°C	-40~+85					
Package	mm	130×87×13	150×110×13	130×87×13	150×110×13	130×87×13	150×110×13

## Ordering information

OADM	Channel spacing	Channel number	Start ITU channel number	Fiber Dia.	Fiber length	Connector
1:100GHz 2:200GHz 20: CWDM		2:2ch 4:4ch 8:8ch customer specify	C21、C22、C23... Refer to ITU channel table in page 55	09: φ 0.9mm	0.5~0.5m customer specify	00:no connector FC,SC,LC,MU/PC, UPC,APC