

## DWDM OADM card

### Product Description

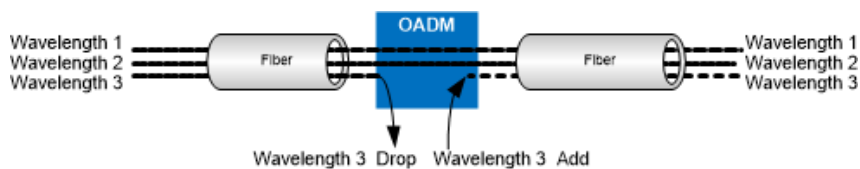
To Separate or insert one or more wavelengths from a multi wavelength channel

### Applications

- DWDM systems

### Product features

- Can access ITU-T DWDM wavelength signals ;
- Low insertion loss ;
- Low polarization dependent loss ;
- High channel isolation ;
- Excellent environmental reliability ;



### Performance index

Parameters		Unit	Specifications			
Wavelength Range			ITU channels 186.6 to 196.1 THz			
Channel Center Wavelength		nm	ITU channels			
Channel Spacing		Ghz	100			
Channel Pass band (@-0.5dB)		nm	0.22			
Channel No.		$\lambda$	1	2	4	8
Insertion Loss	Add/Drop	dB	$\leq 1.0$	$\leq 2.0$	$\leq 3.5$	$\leq 5.2$
	Pass	dB				
Adjacent Channel Isolation		dB	$\geq 30$			
Non-adjacent Channel Isolation		dB	$\geq 45$			
Wavelength thermal stability		nm/°C	$\leq 0.003$			
Insertion loss thermal stability		dB/°C	$\leq 0.005$			
PDL		dB	$\leq 0.1$	$\leq 0.15$	$\leq 0.20$	$\leq 0.25$
Polarization mode dispersion		ps	$\leq 0.1$			
Directivity		dB	$\geq 50$			
Return loss		dB	$\geq 45$			
Optical Power		mW	$\leq 500$			