DWDM OADM card

■Product Description

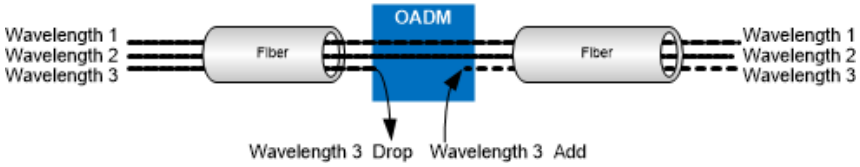
To Separate or insert one or more wavelengths from a multi wavelength channel.

■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 to196.1 THz			
Channel Center Wavelength		nm	ITU channels			
Channel Spacing		Ghz	100			
Channel Pass band (@-0.5dB)		nm	0.22			
Channel No.		λ	1	2	4	8
Insertion Loss	Add/Drop	dB	≤ 1.0	≤ 2.0	≤ 3.5	≤5.2
	Pass	dB				
Adjacent Channel Isolation		dB	≥ 30			
Non-adjacent Channel Isolation		dB	≥ 45			
Wavelength thermal stability		nm/℃	≤ 0.003			
Insertion loss thermal stability		dB/℃	≤ 0.005			
PDL		dB	≤ 0.1	≤ 0.15	≤ 0.20	≤ 0.25
Polarization mode dispersion		ps	≤ 0.1			
Directivity		dB	≥ 50			
Return loss		dB	≥ 45			
Optical Power		mW	≤ 500			