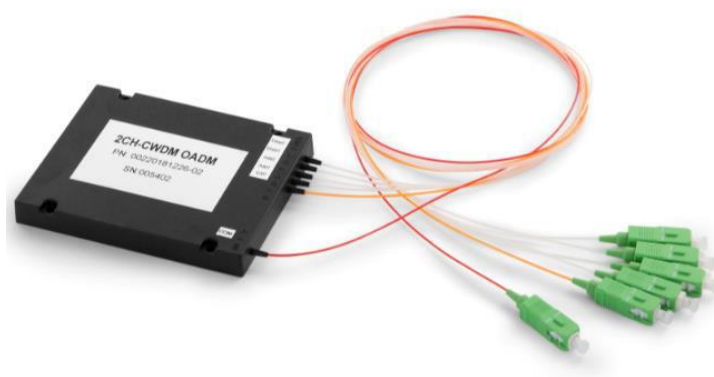


## TFF CWDM OADM Module

### Features

- Automatic Optical alignment
- Optical path epoxy free
- Low insert loss & high isolation
- TelcordiaGR-1221-Core qualified
- RoHS compliant



### Applications

- CWDM channel add/drop
- Metro optical networks
- FTTx Network
- Mobile front-haul

### Specification

Parameters		Unit	Specification			
Channel Central Wavelength		nm	1270,1290...1610 or 1271, 1291...1611			
Channel Spacing		nm	20			
Pass band@0.5dB		nm	≥13 ( $\lambda_c \pm 6.5\text{nm}$ )			
Channel Count		CH	1	2	4	8
Insertion Loss	In to Drop@ $\lambda$ Drop	dB	≤0.8	≤1.2	≤1.8	≤2.8
	Add to Out@ $\lambda$ Add	dB	≤0.8	≤1.2	≤1.8	≤2.8
	In to Out @ $\lambda$ Other	dB	≤0.6	≤1.2	≤2.4	≤4.8
Pass band Ripple		dB	≤0.5			
Isolation	Adjacent Channel	dB	>30			
	Non-Adjacent Channel	dB	≥40			
Insertion Loss Thermal Stability		dB/°C	≤0.003			
Wavelength Thermal Stability		nm/°C	≤0.002			
Return Loss		dB	≥45			
Polarization Dependent Loss		dB	≤0.10			

Information and specifications are subject to change without notice.  
Please visit [www.china-tscom.com](http://www.china-tscom.com) for more information

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Polarization Mode Dispersion	Ps	≤0.10
Directivity	dB	≥45
Power Handling	mW	300
Operating Temperature	°C	-5~ +70(commercial)
Storage Temperature	°C	-40 ~ +85
Package Dimension	mm	L100 x W80 x H10(1CH/2CH/4CH) or L120 x W80 x H18(8CH)

Note:

- Insertion loss excluding connector loss.
- Customized dimension is available.