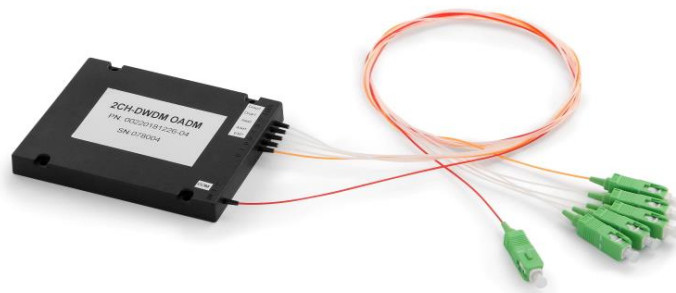


TFF 200GHz DWDM OADM Module

Features

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



Applications

- DWDM channel add/drop
- Metro access system
- PON System
- OXC system

Specification

Parameters		Unit	Specification			
Central Wavelength		nm	ITU-T Grid			
Channel Spacing		GHz	200			
Channel Pass Band@-0.3dB		nm	$>0.5 (\lambda_{ITU} \pm 0.25\text{nm})$			
Channel Count		CH	1	2	4	8
Insertion Loss	In to Drop @ λ_{drop}	dB	≤ 1.0	≤ 1.3	≤ 2.0	≤ 3.2
	Add to Out @ λ_{add}	dB	≤ 1.0	≤ 1.3	≤ 2.0	≤ 3.2
	In to Out @ λ_{other}	dB	≤ 0.8	≤ 1.3	≤ 2.5	≤ 5.0
Pass Band Ripple		dB	≤ 0.5			
Isolation	Adjacent Channel	dB	≥ 30			
	Non-Adjacent Channel	dB	≥ 40			
Insertion Loss Thermal Stability		dB/°C	≤ 0.005			
Wavelength Thermal Stability		nm/°C	≤ 0.001			
Return Loss		dB	≥ 45			
Polarization Dependent Loss		dB	≤ 0.15		0.2	
Polarization Mode Dispersion		Ps	≤ 0.10			
Directivity		dB	≥ 45			
Power Handling		mW	300			
Operating Temperature		°C	-40~+85			
Storage Temperature		°C	-40 ~ +85			
Fiber Type		--	Corning SMF-28 Ultra, G657A1/A2 or customer specified			
Pigtail type		--	$\varnothing 0.9\text{mm}$ loose tube or $\varnothing 1.6\text{mm}/\varnothing 2.0\text{mm}/\varnothing 3.0\text{mm}$ optical cable;			

Information and specifications are subject to change without notice.
Please visit www.china-tscom.com for more information

8 Jinxiu Middle Road, Pingshan, Shenzhen, Guangdong, 518118, P. R. China
+86 755 32983688 | info@china-tscom.com | www.china-tscom.com



Fiber length	m	1.0, or customer specified
Connector Type	--	LC, SC, or customer specified
Package Dimension	mm	ABS Box with L100xW80xH10(1CH/2CH/4CH) or L120xW80x H18(8CH) Cartridge: 130X100X25

Note:

- Insertion loss excluding connector loss. With connectors add 0.3dB;
- Customized dimension is available.
- Tap monitoring port and express port is optional.