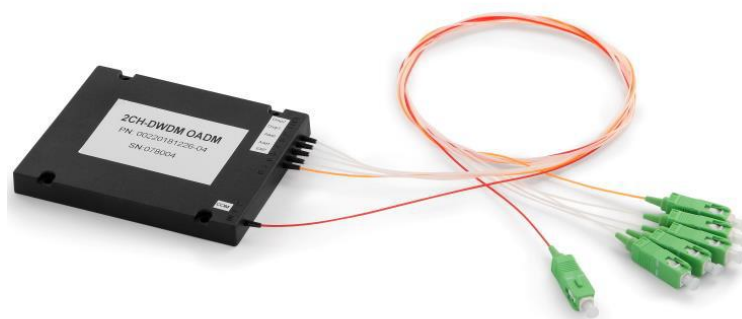


TFF 100GHz DWDM OADM Module

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	100			
Channel Pass Band@-0.3dB		nm	>0.22 (λ _{ITU} ±0.11nm)			
Channel Count		CH	1	2	4	8
Insertion Loss	In to Drop @λdrop	dB	≤1.0	≤1.3	≤2.0	≤3.2
	Add to Out @λadd	dB	≤1.0	≤1.3	≤2.0	≤3.2
	In to Out @λother	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		≤0.20	
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		--	Ø0.9mm loose tube or Ø1.6mm/Ø2.0mm/Ø3.0mm optical cable;			

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

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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.