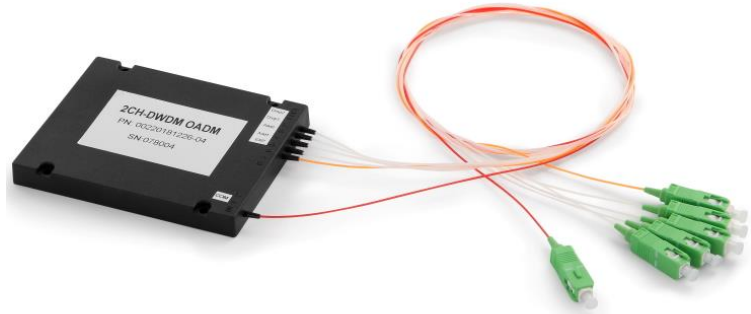


TFF 100GHz DWDM OADM Module

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	$>0.22 (\lambda_{ITU} \pm 0.11\text{nm})$				
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			≤ 0.20	
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	--	$\varnothing 0.9\text{mm}$ 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

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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.