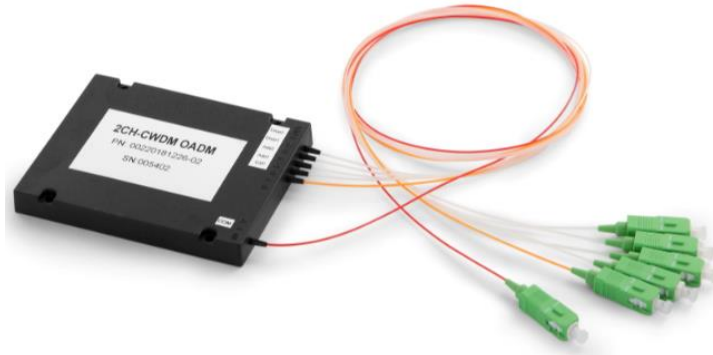


TFF CWDM OADM Module

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	$\geq 13 (\lambda_c \pm 6.5\text{nm})$			
Channel Count		CH	1	2	4	8
Insertion Loss	In to Drop @ λ_{drop}	dB	≤ 0.8	≤ 1.2	≤ 2.0	≤ 3.2
	Add to Out @ λ_{add}	dB	≤ 0.8	≤ 1.2	≤ 2.0	≤ 3.2
	In to Out @ λ_{other}	dB	≤ 0.8	≤ 1.5	≤ 2.6	≤ 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	≤ 0.002			
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			

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

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Storage Temperature	°C	-40 ~ +85
Fiber Type	--	Corning SMF-28 Ultra, G657A1/A2 or customer specified
Pigtail type	--	∅0.9mm loose tube or ∅1.6mm/∅2.0mm/∅3.0mm optical cable;
Fiber length	m	1.0 ,or customer specified
Connector Type	--	LC,SC, or customer specified
Package Dimension	mm	ABS Box with L100 x W80 x H10(1CH/2CH/4CH) or L120 x W80 x 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.