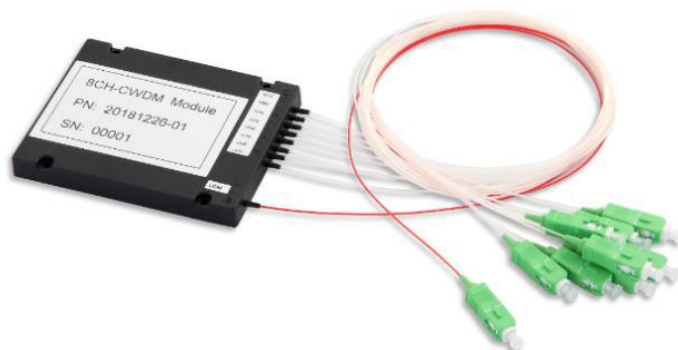


TFF CWDM Module

Features

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



Applications

- CWDM Mux/Demux
- Metro optical networks
- FTTx network
- Mobile front-haul



Specification

Parameters		Unit	Specification	
Channel Count		Channel	6	12
Channel Center Wavelength		nm	1271 ~ 1371nm	1271 ~ 1371&1471 ~ 1571nm
Channel Spacing		nm	20	
Bandwidth@-0.5dB		nm	$\geq 13 (\lambda \pm 6.5\text{nm})$	
Insertion Loss		dB	≤ 2.0	≤ 3.2
Isolation	Adjacent Channel	dB	≥ 30	
	Non-Adjacent Channel	dB	≥ 40	
Return Loss		dB	≥ 45	
Polarization Dependent Loss		dB	≤ 0.20	
Polarization Mode Dispersion		Ps	≤ 0.10	
Directivity		dB	≥ 45	
Power Handling		mW	300	
Operating Temperature		°C	-20~+7	
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;	
Fiber length		m	1.0, or customer specified	
Connector Type		--	LC, SC, or customer specified	

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

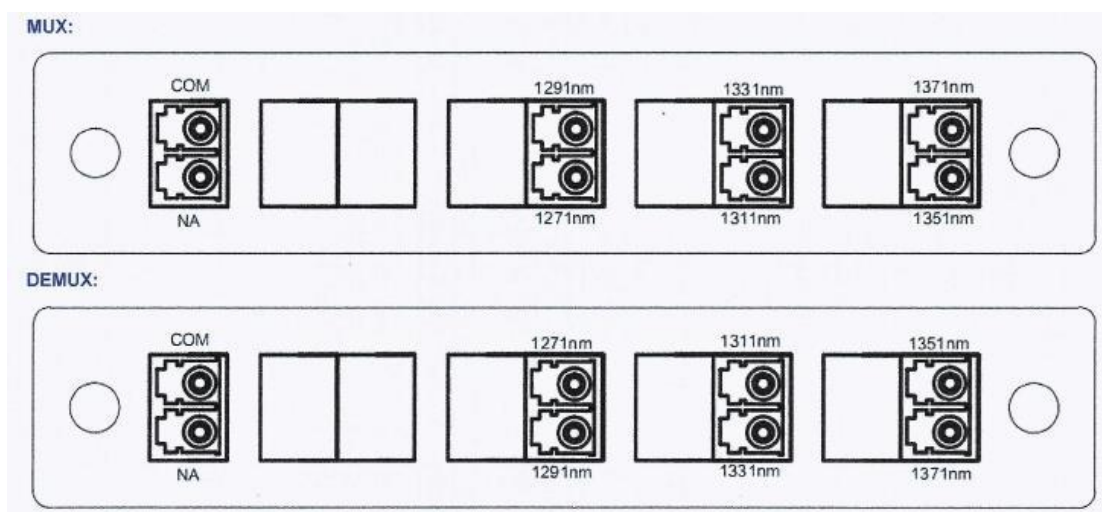
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Package Dimension	mm	ABS Box: L100 x W80 x H10(2/4/6/8CH) L120 x W80 x H18(12/16CH) Cartridge: 130X100X25
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Note:

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

Adapter Panel (For reference only):**6ch CWDM Module****12ch CWDM Module**