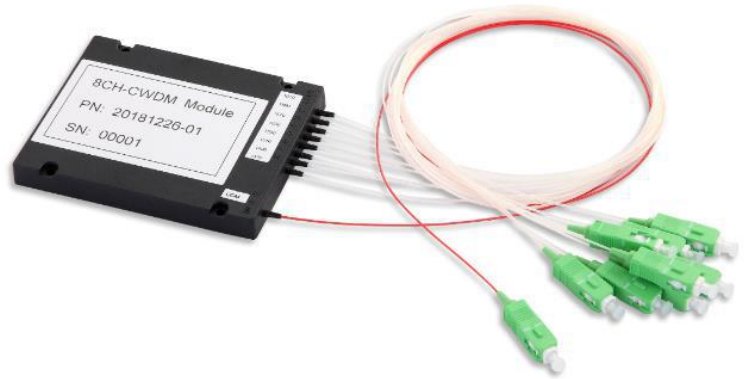


TFF CWDM Module

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	2	4	6	8	12	16
Channel Center Wavelength		nm	1270, 1290...1610 or 1271, 1291...1611					
Channel Spacing		nm	20					
Bandwidth@-0.5dB		nm	≥13 (λc±6.5nm)					
Insertion Loss		dB	≤1.0	≤1.5	≤2.0	≤3.0	≤3.8 (Standard Loss) ≤3.0 (Low loss)	≤5.0 (Standard Loss) ≤3.5 (Low loss)
Isolation	Adjacent Channel	dB	≥30					
	Non-Adjacent Channel	dB	≥45					
Return Loss		dB	≥45					
Polarization Dependent Loss		dB	≤0.20				≤0.30	
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		--	Ø0.9mm loose tube or Ø1.6mm/Ø2.0mm/Ø3.0mm 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 are optional.