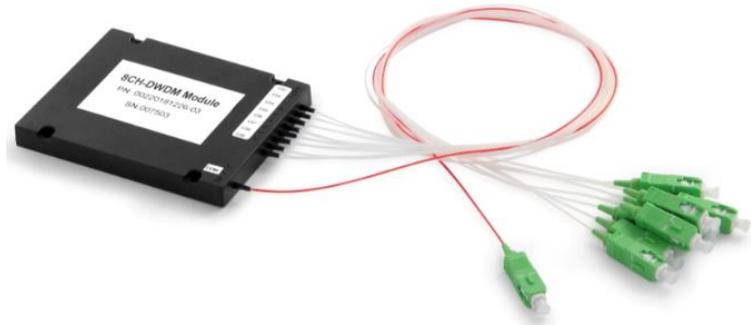


TFF 100GHz DWDM Module

Features

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



Applications

- Access optical networks
- Long-haul networks
- DWDM Mux/Demux
- Metro optical networks
- FTTx Network

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		Channel	2	4	6	8	12	16
Insertion Loss		dB	≤ 1.2	≤ 1.7	≤ 2.2	≤ 3.0	≤ 3.8 (Standard loss) ≤ 3.0 (Low loss)	≤ 5.0 (Standard loss) ≤ 3.5 (Low loss)
Ripple		dB	≤ 0.5					
Isolation	Adjacent Channel	dB	>30					
	Non-adjacent Channel	dB	>40					
Insertion Loss Thermal Stability		dB/°C	≤ 0.003					
Wavelength Thermal Stability		nm/°C	≤ 0.001					
Return Loss		dB	≥ 45					
Polarization Dependent Loss		dB	≤ 0.20			≤ 0.30		
Directivity		dB	≥ 50					
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

8 Jinxiu Middle Road, Pingshan, Shenzhen, Guangdong, 518118, P. R. China
+86 755 32983688 | info@china-tscom.com | www.china-tscom.com



Fiber length	m	1.0 ,or customer specified
Connector Type	--	LC, SC, or customer specified
Package Dimension	mm	ABS Box with L100xW80xH10 (2/4/6/8CH) or L120xW80x H18 (12/16CH) Cartridge: 130X100X25

Note:

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