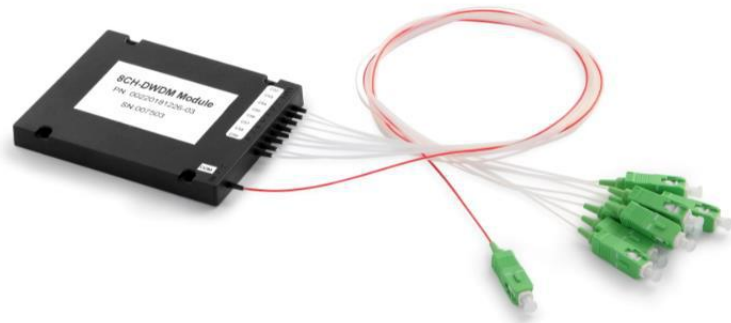


TFF 200GHz DWDM Module

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

Specification

Parameters		Unit	Specification					
Central Wavelength		nm	ITU-T Grid					
Channel Spacing		GHz	200					
Channel Pass Band@-0.3dB		nm	$>0.5 (\lambda_{ITU} \pm 0.25\text{nm})$					
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)
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	≤ 0.20				≤ 0.30	
Directivity		dB	≥ 45					
Power Handling		mW	300					
Operating Temperature		°C	$-40 \sim +85$					
Storage Temperature		°C	$-40 \sim +85$					
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					

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

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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 express port is optional.