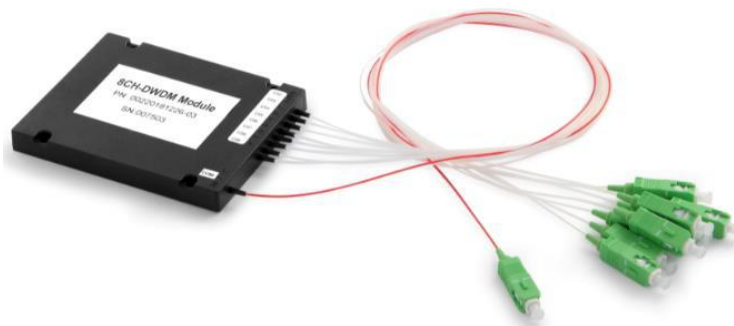


TFF 100GHz DWDM Module

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		
Center Wavelength		nm	ITU-T Grid		
Channel Spacing		GHz	100		
Channel Pass band		nm	ITU±0.11		
Center wavelength accuracy		nm	$\lambda_c \pm 0.05$		
Channel Count		Channel	4	8	16
Insertion Loss		dB	≤2.0	≤3.2	≤5.5
Ripple		dB	≤0.5		
Isolation	Adjacent Channel	dB	>25		
	Non-Adjacent Channel	dB	>40		
Return Loss		dB	≥45		
Polarization Dependent Loss		dB	≤0.20	≤0.2	≤0.3
Directivity		dB	≥45		

Power Handling	mW	300	
Operating Temperature	°C	-5~+70 (commercial)	
Storage Temperature	°C	-40 ~ +85	
Package Dimension	mm	L100 x W80 x H10	L120 x W80 x H18

Note:

- Insertion loss excluding connector loss.
- Customized dimension is available.
- Insertion loss optimization of 8ch or 16ch module is available on request.
- Module with tap monitoring port and express port is optional.