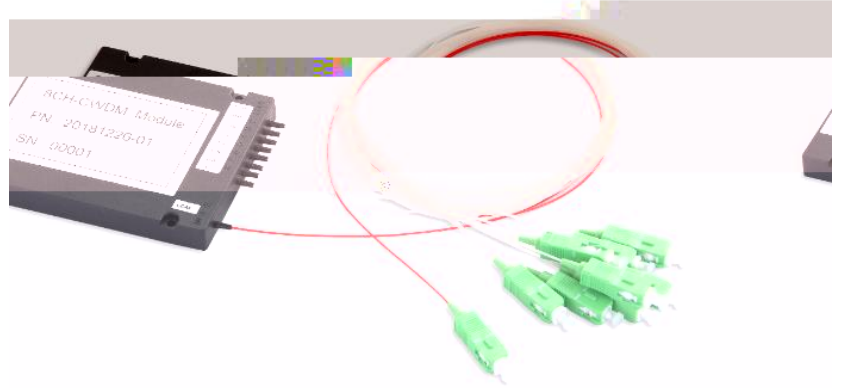


TFF CWDM Module

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		nm	$\geq 13 (\lambda_c \pm 6.5\text{nm})$						
Insertion Loss		dB	≤ 1.1	≤ 1.8	≤ 2.2	≤ 3.0	≤ 3.2	≤ 4.8	
Isolation	Adjacent Channel	dB	≥ 30						
	Non-Adjacent Channel	dB	≥ 45						
Return Loss		dB	≥ 45						
Polarization Dependent Loss		dB	≤ 0.10						
Polarization Mode Dispersion		Ps	≤ 0.10						
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.
- Tap monitoring port and express port is optional.