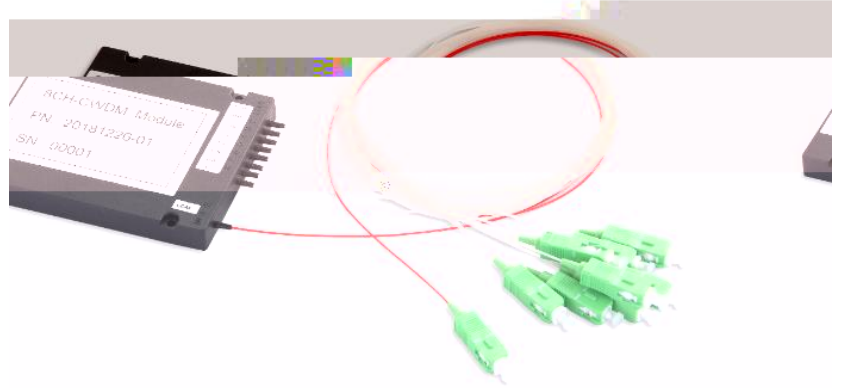


## TFF CWDM Module

### 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	$\leq 1.1$	$\leq 1.8$	$\leq 2.2$	$\leq 3.0$	$\leq 3.2$	$\leq 4.8$	
Isolation	Adjacent Channel	dB	$\geq 30$						
	Non-Adjacent Channel	dB	$\geq 45$						
Return Loss		dB	$\geq 45$						
Polarization Dependent Loss		dB	$\leq 0.10$						
Polarization Mode Dispersion		Ps	$\leq 0.10$						
Directivity		dB	$\geq 45$						
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.