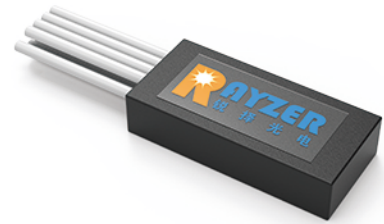


Ultra-Mini DWDM

Product Description

Ultra-Mini Dense Wavelength Division Multiplexer is based on Thin-Film-Filter(TFF)and Free Space packaging technology platform, this Ultra-Mini DWDM features ultra compact size, ultra low insertion loss, and high reliability. The Ultra-Mini DWDM is Telcordia GR-1221-Core and GR-1209-Core qualified and RoHS compliant.



Main Features

- Ultra-Compact Size
- Ultra-Low Insertion Loss
- High Reliability
- High Channel Isolation
- Epoxy-Free Optical Path
- RoHS 6 Compliant

Application

- DWDM System
- NG-PON2 system

Technical Specifications

Optic Performance					
Parameters		Unit	Min	Typ	Max
Center Wavelength λ_C		nm	ITU Grid		
Channel Spacing		GHz	100	200	
Channel Passband		nm	± 0.11	± 0.25	
Insertion Loss within Passband	4ch CWDM	dB		1.5	1.8
	8ch CWDM			2.2	2.5
Passband Ripple		dB		0.3	0.5
Adjacent Channel Isolation		dB	30	40	
Non-adjacent Channel Isolation		dB	45	50	
Return Loss		dB	45	50	
Directivity		dB		55	
Polarization Dependent Loss (PDL)		dB		0.20	
Operating Power		mW		300	
Operating Temperature		° C		-5 to +70	
Storage Temperature		° C		-40 to +85	
Fiber Type				G.657A2 or equivalent	
Package Dimensions	Standard(With boots, 250 or 900 μ m loose tube)	mm		32x15x7	

Note: ①All the parameters are tested under room temperature. ②All the parameters are without connectors.