

Product Specification

Multiplexer CWDM 1x8 (1470nm-1610nm)



1. Features

- Loss insertion loss
- Wide band pass
- High Channel Isolation
- High stability and reliability
- Epoxy free on Optical path

2. Applications

- Line monitoring
- WDM Network
- Telecommunication
- Cellular Application
- Fiber optical amplifier
- Access network

3. Performance Specifications

Parameter	Mux	Demux
Channel Wavelength (nm)	1471,1491 or 1470,1490 etc	
Center Wavelength Accuracy (nm)	±0.5	
Channel Spacing (Ghz)	20nm	
Channel Passband (@-0.5dB bandwidth) (nm)	>13	
Pass Channel Insertion loss (dB)	≤2.2	
Reflection Channel Insertion Loss (dB)	≤1.0	
Channel Ripple (dB)	<0.3	
Isolation (dB)	Adjacent	N/A
	Non-adjacent	N/A
Insertion Loss Temperature Sensitivity (dB/°C)	≤0.003	
Wavelength Temperature Shifting (nm/°C)	≤0.002	
PDL (dB)	≤0.10	
PMD (dB)	≤0.1	
Directivity (dB)	≥50	

Parameter	Mux	Demux
Return Loss (dB)		≥45
Power Handling (mW)		300
Operating Temperature		0°C ~ 65°C
Storage Temperature		-40°C ~ 85°C
Dimensions (mm)	See Order information	

