MAKE YOUR OPTICAL NETWORKS MORE RELIABLE

Optical Interleaver



Optical Interleavers are based on patented technology, They features excellent optical characteristics with Low IL, wide passband, low temperature off-set, and they don't need temperature control.

The products are Telcordia GR-1221-CORE qualified, and RoHS compliant.

Features Applications

- Low insertion loss, low dispersion
- High stability and reliablity
- Optical path epoxy free

- Mux/Demux in DWDM system
- OADM in DWDM system

Specifications

Parameter	Unit	Value	
Channel Spacing		100GHz~50GHz	200GHz~100GHz
Wavelength	nm	C-Band:1528~1568nm, L-Band:1568~1610nm	
Central Wavelength		ITU-T Grid	
Wavelength Accuracy ¹	nm	±0.02	±0.04
Passband	GHz	±8	± 15
Insertion Loss ²	dB	2.2	1.7
Band Width@0.5dB	nm	>0.17	>0.35
Band Width@25dB	nm	< 0.7	<1.3
Ripple	dB	< 0.5	
Uniformity	dB	<0.5	
Isolation	dB	>25	
Return Loss	dB	>40	
Directivity	dB	>55	
PDL	dB	< 0.5	<0.4
PMD	ps	<0.2	
IL Thermal Stability	dB/°C	< 0.003	
Wavelength Thermal Stability	pm/°C	<0.7	
Dispersion	ps/nm	±15	± 1 5
Operation Temperature	°C	0~+65	
Storage Temperature	°C	-40~+85	
Package	mm	132×35×12	97×35×12

Note: $\mathbf{1}_{\times}$ The average wavelength within 1dB bandwidth.

2. Insertion loss doesn't include connector loss

Ordering information

