



Accelink's Optical interleaver is based on its patent technology. It is a three-port optical passive device. When a series wave with frequency space ν pass this device, this wave will be de-multiplexed to two series wave with frequency space 2ν and interleaved output to other two ports. The optical interleaver is complete passive, no temperature control need, with excellent environmental stability. It meets Telcordia GR-1221-CORE requirements.

Features

- High Stability & Reliability
- Completely Passive
- Optical path epoxy free

Applications

- WDM Systems
- OADM
- Comb Filter

Specifications

Parameter	Unit	Value	
		100GHz to 50GHz	200GHz to 100GHz
Wavelength	nm	C-Band:1528~1568nm,L-Band:1568~1610nm	
Centre wavelength		ITU-T standard wavelength	
Wavelength accuracy ¹	nm	±0.02	±0.04
Passband	GHz	±8	±15
Insertion loss ²	dB	2.2	1.6
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	<0.4	<0.5
PMD	ps	<0.2	
Dispersion	ps/nm	±15	±10
IL thermal stability	dB/°C	<0.003	
WL thermal stability	pm/°C	<0.7	
Operation temperature	°C	0~+65	
Storage temperature	°C	-40~+85	
Package	mm	122×32×12	87×32×12

Note: 1, The average of wavelength within 1dB bandwidth 2, All insertion loss referenced without connector

Ordering information

WINT	—	—	—	—	—	—
C:C-band L:L-band	50:50GHz 100:100GHz	C21、C+21、C22、C+22、 L71、L+71、L72、L+72... Refer to ITU channel table in page 55	09:Φ0.9mm	1:1.0m customer specify	00: no connector FC,SC,LC,MU/PC, UPC,APC	
Band	Channel spacing	Start ITU channel number	Fiber Dia.	Fiber length	Connector	