

100GHz/200GHz Interleaver

Features:

- High Channel Isolation
- Low Insertion Loss
- Low PDL & PMD
- Compact Size
- Epoxy-Free in Optical Path
- Completely Passive



Applications:

- DWDM/OADM System
- Subsystem
- System Upgrading
- Bidirectional Networks

Specifications:

Parameter	Unit	50~100G	100~200G	
Central Wavelength (λ_c)	nm	ITU Grid		
Channel Pass Band	nm	ITU+/-8	ITU+/-12.5	
Operating Wavelength	C Band	1528.77~ 1563.86		
	L Band	1569.59~ 1604.03		
Input Channel Spacing	GHz	50	100	
Output Channel Spacing	GHz	100	200	
Isolation ($\lambda_c \pm 0.10$ nm)	Mux	15	15	
	Demux	22	25	
Insertion Loss	Max.	dB	2.0	1.6
Ripple(within passband ITU+/-20%FSR)	Max.	dB	0.2	
CD (within passband ITU+/-20%FSR)	Max.	nm/°C	+/-35	+/-25
Directivity	Min.	dB	50	
PDL(within passband ITU+/-30%FSR)	Max.	dB	0.15	
PMD(within passband ITU+/-30%FSR)	Max.	ps	0.1	
Return Loss	Max.	dB	50	
Fiber Type		Corning SMF-28 or equivalent		
Power Handling	Max.	mW	300	
Operating Temperature		°C	0~70	
Storage Temperature		°C	- 40~85	
Package Dimension		mm	(L)125 × (W)90 × (H)18	

Order Information:

KFOI - XXX - X - X - XXXX - X
 A B C D E

A	Input	050=50G Input/100G Output
		100=100G Input/200G Output
B	Wavelength Range	C=C Band
		L=L Band
C	Band Type	M=Mux
		D=Demux
D	Fiber Type	250S=250 μm bare fiber
		900L=900 μm loose tube
E	Connector	N=W/O connector
		Y=With connector ¹

1. Please specify the type of connector when ordering.