

Hybrid Isolator: 980/1550 WDM +Isolator

Hybrid Isolator: 980/1590 WDM +Isolator

Features

- High Isolation
- Low Insertion Loss
- High Return Loss
- Low PDL
- Optical Path Epoxy Free

Applications

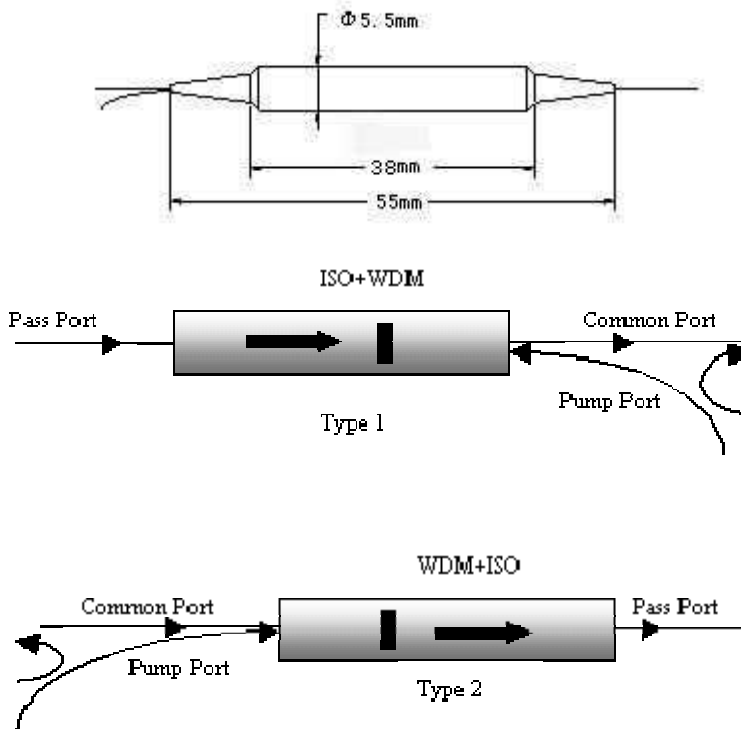
- Fiberoptic Amplifiers
- CATV Fiberoptic Links
- Fiberoptic Systems Testing
- Fiberoptic LAN Systems
- Telecommunications

Specifications

Parameter		Unit	Single stage	Dual stage
Signal Channel	Wavelength Range (λ_s)	dB	1530-1565, 1570-1610	
	Insertion loss($@\lambda_s$, All SOP)	Typ dB	0.8	1.0
	Insertion loss($@\lambda_s, 0-70^\circ\text{C}$, All SOP)	Max dB	1.1	1.3
	Peak Isolation	dB	40	50
	Isolation($@\lambda_p, 23^\circ\text{C}$, All SOP)	Min dB	30	44
	Channel Isolation($@\lambda_p, 23^\circ\text{C}$, All SOP)	Min dB	30	
	PDL	Max dB	0.1	
	PMD	Max ps	0.1	0.05
Pump Channel	Wavelength Range (λ_p)	dB	960-990	
	Insertion loss($@\lambda_p$, All SOP)	Typ dB	0.4	
	Insertion loss($@\lambda_p, 0-70^\circ\text{C}$, All SOP)	Max dB	0.6	
	Channel Isolation($@\lambda_p, 23^\circ\text{C}$, All SOP)	Min dB	17	
	PDL	Max dB	0.1	
Directivity	Min dB	60		
Return loss	Min dB	55		
Optical power	Max mW	300		
Operation Temperature	$^\circ\text{C}$	-20 to 70		
Storage Temperature	$^\circ\text{C}$	-40 to 85		

* SOP=State Of Polarization

Imagine



Ordering Information

IWDM	Central wavelength	Stage	Type	Pigtail	Fiber length	Connector
	95=980/1550nm 99=980/1590nm 45=1480/1550nm 49=1480/1590nm xx=others	D=Dual stage S=Single stage	F=Type 1 B=Type 2	B=250um bare fiber L=900um	10=1.0m 15=1.5m 20=2.0m 30=3.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=others