

Isolator WDM Hybrid (IWDM)

Features

- High Isolation
- Integrated Components
- Optical Path Epoxy Free



Applications

- Fiber Optic EDFA
- WDM Systems
- Fiber Laser

Parameters		Isolator WDM Hybrid			
Operating Wavelength (nm)		95:980/1550		45:1480/1550	
Stage		Single Stage	Dual Stage	Single Stage	Dual Stage
Signal Port	Wavelength Range (nm)	1530~1565		1530~1565	
	Isolation (λ_c @23°C)(dB)	≥30	≥44	≥30	≥44
	Insertion Loss (λ_c @23°C)(dB)	0.8	0.9	0.6	0.7
	Insertion Loss (λ_c @0~70°C)(dB)	1.1	1.2	1	1.1
	PDL(dB)	0.1	0.1	0.1	0.1
Pump Port	Wavelength Range (nm)	960~990		1460~1490	
	Isolation (λ_c @23°C)(dB)	≥15	≥15	≥15	≥15
	Insertion Loss (λ_c @23°C)(dB)	0.4	0.4	0.4	0.4
	Insertion Loss (λ_c @0~70°C)(dB)	0.6	0.6	0.6	0.6
PDL(dB)		0.1	0.1	0.1	0.1
Return Loss(Input/Output)(dB)		≥50			
Operating Temperature (°C)		0~ +70			
Storage Temperature (°C)		-40 ~ +85			
Power Handling (mW)		300			
Package Dimension(mm)		Φ5.5xL35			
*All values specified are without connectors, connectors can be supplied on request.					

Ordering Information

IWDM	X	XX	XX	XX	X
	Stage	Wavelength	Fiber	Fiber Length	Connector
IWDM	S=Single	95=980/1550	00=250um	10=1.0m	1=SC/APC
	D=Dual	45=1480/1550	01=900um	12=1.2m	2=FC/APC
				15=1.5m	3=LC/APC