

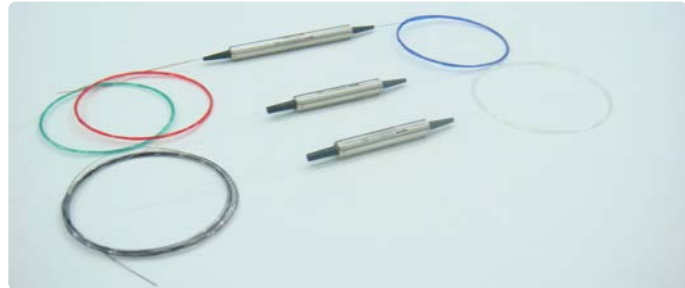
# Tap Isolator WDM Hybrid (TIWDM)

## Features

- High Isolation
- Integrated Components
- Optical Path Epoxy Free

## Applications

- Fiber Optic EDFA
- WDM Systems
- Fiber Laser



Parameters		Tap 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 ( $\lambda_c$ nm)	1530~1565				
	InsertionLoss( $\lambda_c$ @23°C)(dB)	1%	0.8	0.9	0.7	0.8
		2%	0.8	0.9	0.7	0.8
		3%	0.9	1	0.8	0.9
		5%	1	1.1	0.9	1
	InsertionLoss( $\lambda_c$ @0~70°C)(dB)	1%	1.1	1.2	1	1.1
		2%	1.1	1.2	1	1.1
		3%	1.2	1.3	1.1	1.2
		5%	1.3	1.4	1.2	1.3
	Isolation ( $\lambda_c$ @23°C)(dB)		≥30	≥44	≥30	≥44
PDL(dB)		0.1	0.1	0.1	0.1	
PMD(dB)		0.05	0.05	0.05	0.05	
Pump Port	Wavelength Range ( $\lambda_p$ nm)	960~990		1460~1490		
	InsertionLoss( $\lambda_p$ @23°C)(dB)	0.6	0.7	0.6	0.6	
	InsertionLoss( $\lambda_p$ @0~70°C)(dB)	0.8	0.9	0.8	0.8	
	Isolation ( $\lambda_p$ @23°C)(dB)	≥15	≥15	≥15	≥15	
	PDL(dB)	0.1	0.1	0.1	0.1	
Tap Port	InsertionLoss( $\lambda_c$ @23°C)(dB)	1%	19~21	19~21	19~21	19~21
		2%	16~18	16~18	16~18	16~18
		3%	14~16	14~16	14~16	14~16
		5%	12~14	12~14	12~14	12~14
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.  
\*Fiber type SMF-28 unless otherwise specified.*

## Drawing(mm)

