

## Isolator+ WDM Hybrid Device (IWDM)

### Product Features

- Wide Operating Wavelength
- Low IL & PDL & High Isolation
- High Stability and Reliability

### Product Applications

- EDFA and DWDM
- Test Instrumentations
- Fiber lasers
- Fiber optic Instrument

### Specifications

Parameter	Unit	Value			
stage	---	1480/1550		980/1550	
Grade		Single stage	Dual stage	Single stage	Dual stage
Isolation	dB	≥21	≥36	≥21	≥36
Insertion loss (Signal)	dB	≤0.6	≤0.8	≤0.9	≤1.0
PMD	Ps	≤0.25	≤0.05	≤0.25	≤0.05
Signal wavelength range	nm	1528~1565(C-band)		1528~1565(C-band)	
Pump wavelength range	dB	1450~1490		960~990	
Insertion loss (Pump)	dB	≤0.5		≤0.6	
Transmitted Isolation (Pump)	dB	≥30		≥30	
Reflected Isolation (Signal)	dB	≥15		≥15	
PDL	dB	≤0.10			
WDL	dB	≤0.3			
Directivity	dB	≥55			
Return loss	dB	≥50			
Thermal stability	dB/°C	≤0.005			
Power handling	mW	≤500			
Operating temperature	°C	0 ~ +70			
Storage Temperature	°C	-40~+85			
Package dimension	mm	Φ5.5 × L38			
Fiber Type:( Common / Pump)	---	SMF-28e		Hi1060	
Fiber Type (Signal)	---	SMF-28			

\* Above specifications are for devices without connectors

\* Other WDM function can be customized.

**Ordering Information**

<b>Pll</b>	<b>Wavelength</b>	<b>Stage</b>	<b>Pump type</b>	<b>Pigtail Type</b>	<b>Fiber Length</b>	<b>Connector</b>
<b>1X1</b>	T15/R98 T15/R14 Specify	Single Dual Specify	Forward pump Backward pump	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify