

## WDM+Isolator+GFF Hybrid Device



### Production Description

The WDM+Isolator+GFF Hybrid Device (DWIG) is combinationed by twoWDM,a Gain flattening filter and an isolator in a compact package. This product is widely used in EDFAs.It has an extremely low insertion loss, and compact-size.

It can be customized designed to meet specialized feature applications.

### Features

- Low Insertion Loss
- High Isolation
- Flat Spectral Gain
- High Stability and Reliability

### Applications

- EDFAs

### Standards

- Telcordia GR-1221-CORE
- RoHS

### Specifications

Parameter		Unit	Value	
Operating Wavelength Range		nm	980/1550	
Signal Band( $\lambda_s$ )		nm	1528~1569	
Pump Band( $\lambda_p$ )		nm	965~990	
Insertion Loss	Signal Port	dB	$\leq 1.5$	$\leq 1.6$
	Pump Port	dB	$\leq 0.8$	$\leq 0.8$
Peak to Peak Error Function		dB	$\leq 0.6$	
Isolation	Signal to Com@ $\lambda_s$	dB	$\geq 21$	$\geq 36$
	Com to Signal@ $\lambda_p$	dB	$\geq 20$	
	Pump1 to Com@ $\lambda_s$	dB	$\geq 18$	

