

## Isolator+WDM Hybrid Combination



### Production Description

Accelink's IWDM is combinationed by a 980/1550nm WDM or a 1480/1550nm WDM and a 1550nm polarization insensitive optical isolator, which is based on mature technology of thin film filter. Optical path without glue. The IWDM is a low cost module with excellent performance including low insertion loss, high isolation, high return loss, low polarization dependent loss.

This product offers integrated solutions to EDFA applications by combining more functions into a vert compact package.

### Features

- Low Insertion Loss
- High Isolation
- Low PDL and PMD
- High Stability and Reliability
- Epoxy-free Optical Path

### Applications

- EDFAs
- CATV
- WDM Systems
- Optical Instruments

### Standards

- Telcordia GR-1221-CORE
- RoHS

### Specifications

Parameters		Unit	Value	
			Single Stage	Dual Stage
Wavelength		nm	1550/980 or 1550/1480	
Operating Wavelength	Pass Band	nm	1528~1569	1528~1569
	Reflection Band	nm	965~990	1450~1495
Insertion	Pass Band	dB	≤1.0	≤1.1

Loss	Reflection Band	dB	≤0.6	≤0.6
Isolation	Pass Band	dB	≥21	≥36
	Reflection Band	dB	≥13	≥13
Return Loss		dB	≥45	
Flatness		dB	≤0.4	≤0.5
Polarization Dependent Loss		dB	≤0.15	≤0.20
Polarization Mode Dispersion(standard)		ps	≤0.05(Low PMD); ≤0.10(Normal)	
Directivity		dB	≥50	
Operating power Handling		mw	≤300	
Operating Temperature		°C	-5~+70	
Storage Temperature		°C	-40~+85	
Package Dimension		mm	Φ5.2*32(Normal); Φ3.5*29(Mini); Φ3.0*18(Mini)	

### Ordering Information

IWDM- □-□-□-□-□-□-□

Package: NA: Φ5.2\*32mm;Mini: Φ3.5\*29mm

Connectors:FC/UPC,SC/UPC,LC/UPC,00:No Connector

Fiber Length: 1: 1.0m; customer specify

Fiber Dia.: 09: Φ0.9mm、025: Φ0.25mm; customer specify

Type: PIS:Single;PID: Dual ;PISL: Low PMD,Single

Pump Location: A:Pump before ISO;B:Pump after ISO

Wavelength : 095:980/1550;145:1480/1550