

Isolator and Polarization Beam Combiner



Product Introduction

Accelink's Isolator and Polarization Maintaining Beam Combiner(IPBC) is combined with isoaltor and PBC.These device has high extinction ratio,very high power handling and low insertion loss.IPBC is designed to work as pump combiners for EDFA,Raman amplifier systems,etc.

Features

- Low Insertion Loss
- High Extinct Ratio
- High Power Handling
- Compact Package Size

Applications

- EDFA and Raman Amplifiers
- Highly Integrated Modules

Standards

- Telcordia GR-1221-CORE
- RoHS

Specifications

Parameter	Unit	Value
Operating Wavelength Range	nm	1450±30 1480±30 1550±30
Insertion Loss	dB	≤0.8(A Grade), ≤0.7(P Grade)
Isolation	dB	≥21
Return Loss	dB	≥50
Wavelength Dependent Loss	dB	≤0.2
Extinction Ratio	dB	≥18(A Grade), ≥20 (P Grade)
Direction of Incident Polarization	dB	Slow Axis
Directivity	dB	≥50
Operating Power Handling	mw	≤1000

Operating Temperature	°C	-5~+70
Storage Temperature	°C	-40~+85
Package Dimension	mm	<=Φ5.5*34
Input		250um Panda Fiber
Output		SMF-28e

Note:Maximum IL is not including connectors,within all operating temperature.

Ordering Information

IPBC- □-□-□-□-□

Connector: 00:No Connector; FC/UPC; NA: Different Connectors

Fiber Length: 1:1m、customer specify

Fiber Dia.: 09: Φ 0.9mm; 025: Φ 0.25mm

Grade: P: P Grade; A:A Grade

Wavelength Range : 1450:1450nm ; 1550:1550nm

