

IPBCD

Features

- Low insertion loss
- High isolation
- Low DOP



Applications

- Raman Amplifier

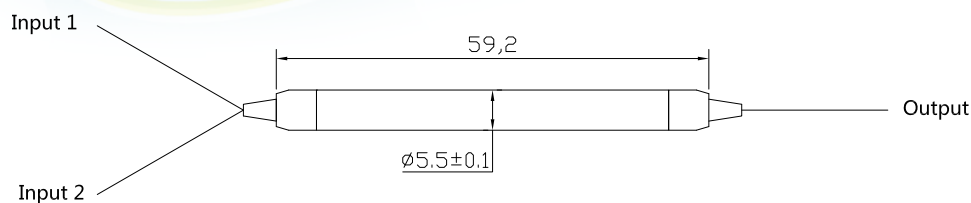
Main Specifications

Parameter	Max	Min	Specification	Unit
Center Wavelength			1410 ~ 1470	nm
Insertion Loss	√		0.8	dB
Isolation		√	20	dB
DOP	√		10	%
Directivity		√	50	dB
Return Loss		√	50	dB
TDL	√		0.2	dB
Operating Temperature Range			0 ~ +70	°C
Storage Temperature Range			-40 ~ +85	°C
Maximum Power Handling			1500	mW
Package Dimension (L*Φ)			59.2*5.5	mm

Notes:

1. All values referenced without connector.
2. The input optical polarization direction is aligned to the slow axis.

Dimensions



Order Information

IPBCD-A-B-C

A	Wavelength	1: 1410-1470 nm
B	Fiber Type	1: 250 μ m bare fiber, PM fiber 2: 400 μ m bare fiber, PM fiber
C	Connector Type	0: without connector 1: LC 2: FC X: customized

Example

Part number of "IPBCD-1-1-X" represents an IPBCD with:

- 1410 - 1470 nm wavelength
- 250 μ m bare PM fiber
- customized connector

- The above specifications represent the typical performance of an O-Net Isolator Polarization Beam Combiner Depolarizer of this category.
- Please contact our Sales to discuss your specific requirements.

