

PBC AND ISOLATOR /DEPOLARIZER HYBIRD DEVICE (IPBCD)

Features

Low insertion loss & High Isolation & DOP
High stability and reliability

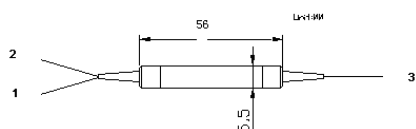
Application

High Speed Communication
Raman Amplifier

Specifications

Parameter		Values
Center Wavelength (nm)		1450
Operating Wavelength Range (nm)		±30
Insertion Loss (dB)		≤0.7
Typ. Peak Isolation (dB)		40
Min Isolation (dB)		≥20
DOP		≤10%
Directivity (port 1 to port 2)(dB)		≥45
Return Loss (dB)		≥40
Input Polarization Direction		Slow Axis Alignment
Max. Total Power Handling (W)		1,2,3,4,5
Fiber Type	Port 1 & 2	PM1550 250um Panda Fiber& PM1550 400um Panda Fiber
	Port 3	SMF-28e Fiber
Operating Temperature (°C)		-5 ~ +70
Storage Temperature (°C)		-40 ~ +85
Dimensions (mm)		φ5.5 × L56

Package Dimensions



Ordering Information

IPBCD	Wavelength	Power handling	0	PM fiber Type @port 1&2	Pigtail Type	Length	Connector
	1450=1450nm	1=1W 2=2W 3=3W 5=5W		1=SM15-PS-U25D Panda Fiber 2=SM15-PS-U40D Panda Fiber	1=250um bare fiber 2=900um loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.5m	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify