

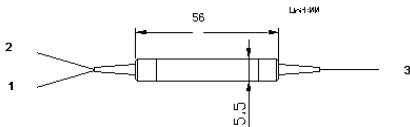
## PBC AND ISOLATOR /DEPOLARIZER HYBIRD DEVICE (IPBCD)

<b>Features</b>
Low insertion loss & High Isolation & DOP High stability and reliability
<b>Application</b>
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