

## 1020~1150nm Optical Inline Depolariser for Pulse Power

### FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

### APPLICATIONS

- Fiber Optic Amplifiers
- Fiber Optic Instruments
- WDM Systems
- Dispersion Compensation
- Light Routing

### SPECIFICATIONS

Parameter	Unit	Value	
Working Wavelength	nm	1020, 1030, 1040, 1053 1064, 1070, 1080	1092, 1103 1120, 1150
Bandwidth	nm	+/-20	
Insertion Loss @ 23°C	(Typ.)	dB	0.3
	(Max.)	dB	0.8
Max. Degree of Polarization	%	10	
Optical Return Loss	dB	≥50	
Fiber Type	Input	-	HI1060 Fiber or PM980 Panda Fiber
	Output	-	HI1060 Fiber
Fiber Tensile Load	N	5	
Max. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20	
Max. Peak Power for pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	mm	L100xW80xH10	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.5dB higher, RL is 5dB lower.
  3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  4. Devices for higher optical power or with other type fiber or consigned fiber are also available.

### ORDERING INFORMATION (PN)

<b>FIDP-</b>	<b>NNNN</b>	<b>- H</b>	<b>NN</b>	<b>PNN</b>	<b>- (C)</b>	<b>C</b>	<b>NN</b>	<b>- CC/CCC</b>
<i>Center Wavelength</i>	<i>Average Power</i>		<i>Peak Power</i>	<i>Input Fiber</i>		<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
1030~1304nm	03~300mW		01~100W	P=PM Fiber		B= Bare fiber	05~0.5m	N=Without Connector
1064~1064nm	1~1W		1~1kW	Blank for SM Fiber		L= Loose Tube	10~1.0m	FC/APC=FC/APC Connector
1080~1080nm	5~5W		5~5kW			2= 2mm Cable	15~1.5m	LC/PC=LC/PC Connector
1120~1120nm	10~10W		10~10kW			3= 3mm Cable	20~2.0m	SC/UPC=SC/UPC Connector