

1020~1150nm High Power Optical Inline Depolariser

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	
Maximum Optical Power (CW)	W	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)

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