

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	1310, 1480, 1550, 1590	
Bandwidth	nm	+/-20	
Insertion Loss @ 23°C	(Typ.)	dB	0.3
	(Max.)	dB	0.5
Max. Degree of Polarization	%	10	
Optical Return Loss	dB	≥50	
Fiber Type	Input	-	SMF-28 Fiber or PM Panda Fiber
	Output	-	SMF-28 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	0~70	
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 0.3dB 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	-H NN	P NN	- (C)	C	NN	- CC/CCC
<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>
1310=1310nm	03=300mW	01=100W	P=PM Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1480=1480nm	1= 1W	1= 1kW	Blank for SM Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1550=1550nm	5= 5W	5= 5kW		2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1590=1590nm	10=10W	10=10kW		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector