1310nm In Line Depolarizer

1310nm In Line Depolarizer is a fiber optic passive component which can be used for transfering the polarization light into depolarized light to reduce the influence of the polarization state on the fiber system , it's widely used in Fiber Optic Sensor, Fiber Amplifier and Fiber Optic Gyro. High power type is also available upon request.

Application:

Fiber Optic Amplifier
Fiber Optic Sensor
Fiber Optic Gyro
Lab And Research

Features:

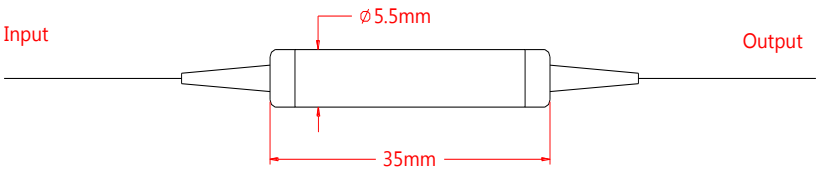
Low Polarization Degree
High Power Available
Low Insertion Loss
High Reliability

Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	1310	nm
Bandwidth	BW	±50	nm
Typ. Insertion Loss	IL	0.3	dB
Max. Insertion Loss	IL	0.5	dB
Max. Degree Of Polarization	DOP	10	%
Max. Extinction Ratio	ER	3	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	500	mW
Max. Tensil Load		5	N
Fiber Type		PM Panda fiber or SMF-28e fiber	-
Operating Temperature	T	-5~70	℃
Storage Temperature	T	-40~85	℃
Package Dimension		Φ5.5×L35	mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23℃.
For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, slow axis is default aligned to the connector key.

Drawing:



Ordering Information (Part Number):

ILDP-WWWW-FF-J-LL-CC

WWWW	FF	J	LL	CC
Wavelength	**Fiber Type (Input/Output)**	**Fiber Jacket**	**Fiber Length**	**Connector**
1310 - 1310nm 1450 - 1450nm 1480 - 1480nm 1550 - 1550nm	PP - PM Panda fiber on input and output port PS - PM Panda fiber on input port SMF-28e fiber on output port	B - 250um Bare Fiber 9 - 900um Loose Tube 2 - 2.0mm Loose Tube 3 - 3.0mm Loose Tube	05 - 0.5m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify	NE - None FA - FC/APC FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify