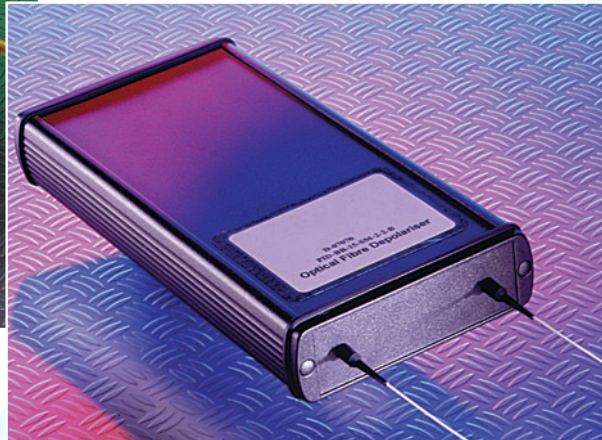
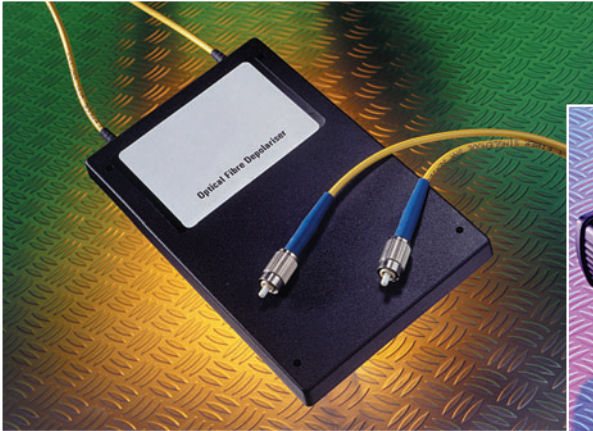


In-Line Fiber Optic Depolarizers

A range of Lyot type all-fiber depolarizers applicable to Raman, ASE, SLD, ELED and Fabry-Perot sources



FEATURES:

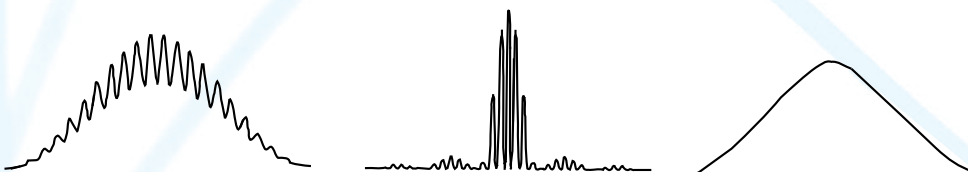
- Low residual extinction ratio
- All-fiber configuration
- Large operating bandwidth
- Low Loss
- OEM packaging available

APPLICATIONS:

- Raman pump laser sources
- ASE, SLD, ELED and Fabry-Perot laser sources
- C, L and S-band
- Optical transmission systems
- Optical fiber sensors
- Randomize residual polarization for low coherence sources

A range of Lyot type all-fiber depolarizers which can be matched to a wide range of sources. Lyot depolarizers produce randomly polarized light and can achieve a very high level of performance. This type of depolarizer is specifically designed for applications in which the level of residual polarization is critical to system performance.

Each model shown in the specification table overleaf is matched to a specific source by relation to the narrowest line width of the source, allowing the cost / performance balance to be managed according to the desired Degree of Depolarization (DOP) for your application.



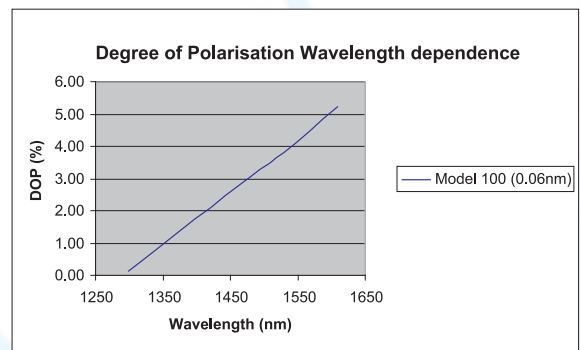
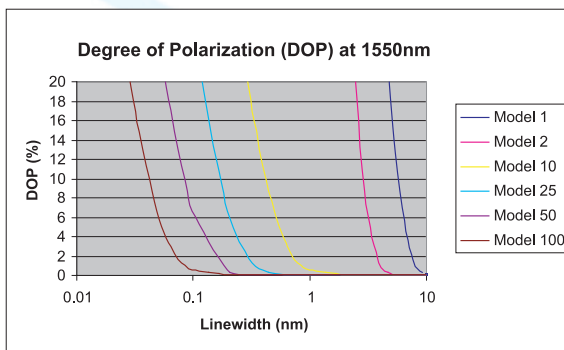
The depolarizers can be custom designed to meet a range of performance specifications and can be tailored to the customer requirements. Please contact our technical design team to discuss your specific requirements.



MODEL SPECIFICATIONS:

Model:	1	2	10	25	50	100
Source Line Width nm	>5	2.5-5	1-2.5	0.4-1	0.2-0.4	0.1-0.2
Wavelength nm	980, 1300, 1480, 1550			1300, 1480, 1550		
Residual extinction ratio (RER)(typical)	<0.1dB			<0.5dB		
Excess / Insertion loss				<1dB		<2dB
DOP				<5%		

All quoted losses are without connectors



PACKAGING:

	Models 1, 2 & 10	Models 25 & 50	Model 100
Box (LxWxH)	150 x 95 x 10mm	165 x 108 x 35mm	215 x 106 x 35mm
Pigtail	1m fiber standard, loose tube and cable options.		
Connectors	Optional		

All dimensions are approximate and may vary slightly.

ORDERING INFORMATION:

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Model Type:
 01 - Model 1
 02 - Model 2
 10 - Model 10
 25 - Model 25
 50 - Model 50
 100 - Model 100

Wavelength:
 15 - 1550nm
 14 - 1480nm
 13 - 1300nm
 09 - 980nm

Input & Output fiber type:
 SM - Single Mode
 PM - Polarization Maintaining

Connectors:
 0 - none
 1 - FC/SPC
 2 - FC/APC

Cable type:
 1 - uncabled fiber
 2 - 900µm

Packaging:
 B - Boxed
 N - No box