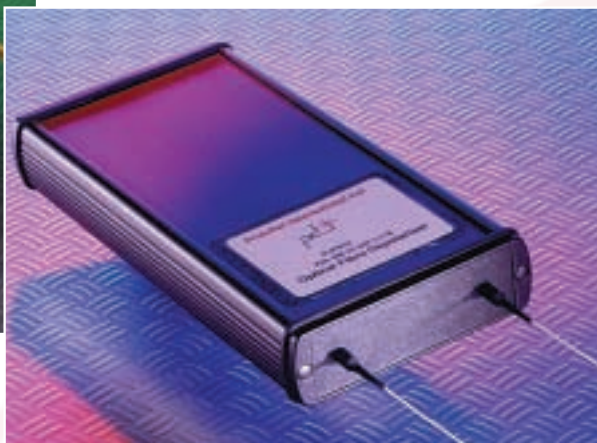
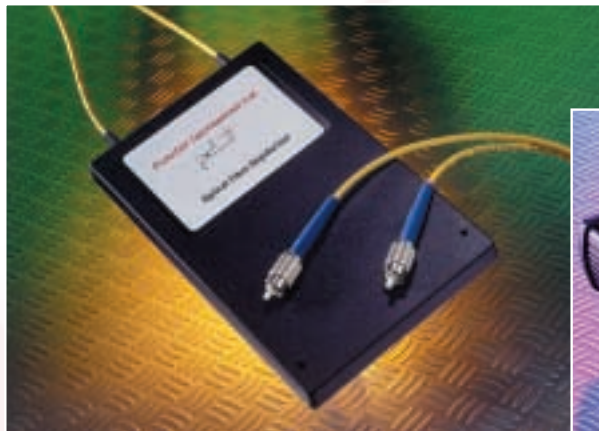


In-Line Fiber Optic Depolarizers

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



FEATURES:

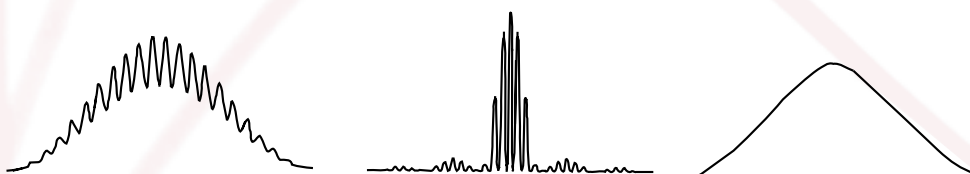
- Low residual extinction ratio
- All-fiber configuration
- Large operating bandwidth
- Low Loss
- OEM packaging available

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.



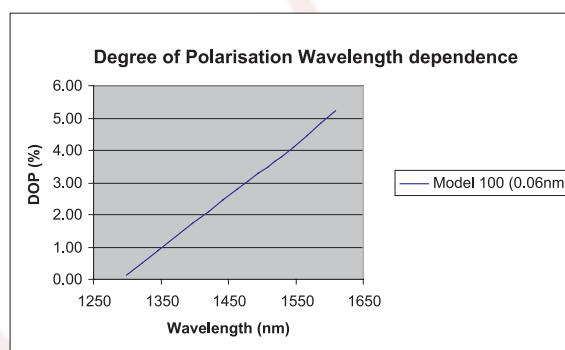
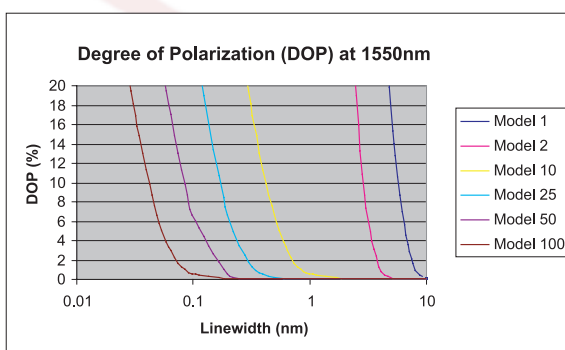
The depolarizers can be custom designed to meet a range of performance specifications and can be tailored to the customers requirements. Please contact our technical design team to discuss specific requirements.



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	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:

P	I	D	-				-			-			-		-		-			
			Model Type:			Wavelength:			Input & Output fibre type:			Connectors:			Cable type:			Packaging:		
			01 - Model 1 02 - Model 2 10 - Model 10 25 - Model 25 50 - Model 50 100 - Model 100			15 - 1550nm 14 - 1480nm 13 - 1300nm 09 - 980nm			SM - Single Mode PM - Polarization Maintaining			0 - none 1 - FC/SPC 2 - FC/APC			1 - uncabled fiber 2 - 900µm			B - Boxed N - No box		

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