

Fiber Bragg Grating Accelerator Sensor

(OEFAS-100)

The fiber Bragg grating accelerator sensor is based on our advanced fiber Bragg grating and package technology. FBG accelerator sensors are used to measure vibration in bridges, high buildings, dams, railways, etc.

Applications:

- Bridges
- Civil buildings
- Dams
- Railways

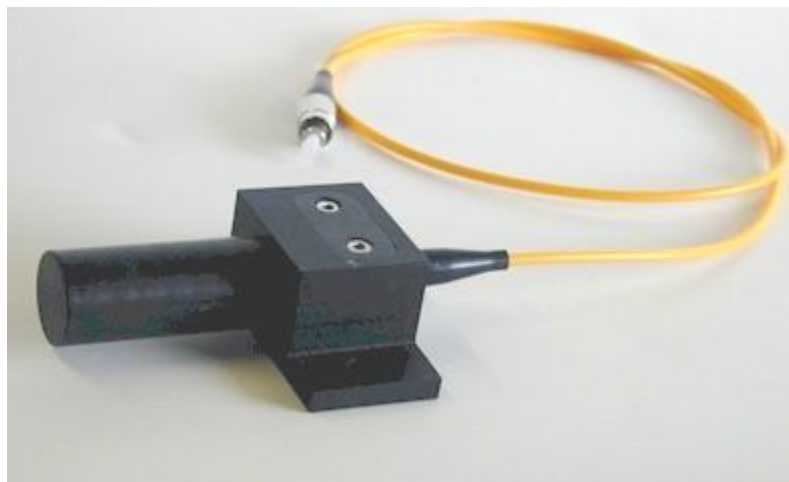


Figure 1: Fibre Accelerator Sensor

Specifications:

	OEFAS-100
Center wavelength (nm)	1310, 1550
FWHM (nm)	0.2 ± 0.1
Reflectivity (%)	> 75
Range (G)	1-10
Resolution (% FS)	< 0.2
Precision (%)	< 1
Fibre cable	1m long, 3 mm
Operation temperature (°C)	0-80

Note: All specifications are subject to change without notice.

Please feel free to contact us at (514) 334-4588 or at sales@o-eland.com for more information on this product.

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