

S10 Strain Sensor



The FBG is fixed inside a stainless steel housing between two anchoring points. The housing consists of a sliding mechanism that allows both ends to move freely relative to each other.

S10 sensor can be embedded into various composite structures.

Main technical parameters:

| | |
|---|--------------------------|
| Measurement range, $\mu\epsilon$ | -1500...+1500 |
| Accuracy, % | 1.0 |
| Operating temperature, $^{\circ}\text{C}$ | -5...+80 |
| Wavelength range, nm | 1510 - 1590 |
| Materials | Stainless steel |
| Connectors | FC/APC |
| Dimensions, mm | $\text{\O}33 \times 110$ |

Optromix, Inc.

233 Needham St, Suite 540, Newton, MA 02464
phone: +1-617-939-9221, e-mail: info@optromix.com