



ST2 Strain Sensor with Temperature Compensation



ST2 consists of 2 FBGs inside the housing. The strain and temperature can be achieved simultaneously.

The housing consists of a sliding mechanism that allows both ends to move freely relative to each other.

ST2 sensor can be embedded into various composite structures.

Main technical parameters:

Strain measurement range, $\mu\epsilon$	-1000...+1000
Strain accuracy, %	1.0
Temperature measurement range, °C	-20...+80
Temperature resolution, °C	0.1
Temperature accuracy, °C	1
Wavelength range, nm	1510 - 1590
Materials	Stainless steel
Connectors	FC/APC
Dimensions, mm	Ø33 x 110

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