

Specifications for FBG Strain Sensors (by Fastening)

(Six no. FBG strain sensors in one array)- 3 Nos.

S. No.	Specifications	
1	Active Gauge Length	In between 100 - 210 mm
2	Measurement range	$\pm 2000 \mu\epsilon$ (Min.)
3	Wavelength Range	Unique in between 1500 to 1600 nm (in one array)
4	Sensitivity	1.2 pm/ $\mu\epsilon$ or better
5	Measurement Type	Static and Dynamic
6	Temperature compensated	Integrated/ Intrinsic Temperature Compensated
7	Calibration	Self-calibrated/ Provide Calibration Certificate
8	Connectors	Compatible with interrogator (APC Type)
9	Installing (Mounting)	Surface Mounting by fasteners
10	Operating temperature	In between 0 to 50 °C
11	Passive cable between two sensors	Minimum 3 meter between two Consecutive Sensors
12	Mounting Accessories	Fasteners, bolts, screws, clamps, brackets etc. and all other sensor specific accessories for surface preparation and installation
13	Support from distributor	Training to operate and Installing at site
14	Warranty / AWC	Minimum 1 Year