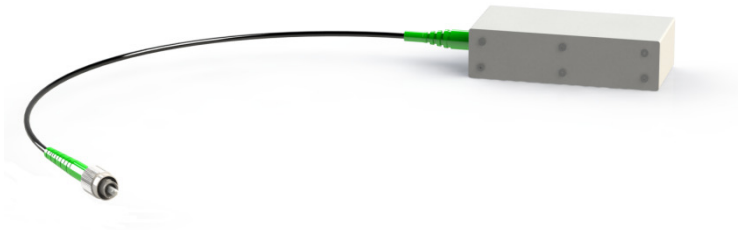


## FBG based Vibration sensor

### Key Features-

- Robust design for harsh environment.
- Large frequency bandwidth.
- High Sensitivity.
- Light weight.
- Immunity to EMI/RF
- Shock absorbance upto 2500 g acceleration.



### Specifications-

Parameter	1-150 Hz	5 - 700 Hz	5 - 1500 Hz
Sensitivity	900 pm/g	90 pm/g	12 pm/g
Maximum Shock Measurement	±1 g	±10 g	±500 g
Maximum Shock	5 g	50 g	2500 g
Resonance Frequency	200 Hz	1000 Hz	2000 Hz
Sensitivity Flatness	< 2 dB	< 2 dB	< 3.5 dB
Cross-Axis Sensitivity	< 2 %	< 2 %	< 2 %
Weight	730 gm	280 gm	100 gm
Size	55x85x22	45x62x22	35x41x15
Packaging	Stainless Steel	Stainless Steel	Stainless Steel
Operational Temperature	-20 to 60 °C	-20 to 60 °C	-20 to 60 °C
Maximum Short-Term Exposure	80 °C	80 °C	80 °C
Cable Length, Diameter	1 m, 3 mm	1 m, 3 mm	1 m, 3 mm
Connector Type	FC/APC	FC/APC	FC/APC
Anchoring Bolt Size	M5	M5	M5