



A3 Accelerometer

A3 is a high-frequency and high-accuracy accelerometer. It provides measurements to 0 Hz without loss of sensitivity or phase flatness.



Ready to install on 3 axes and can be cascaded. It can be used in marine, geotechnical, and civil engineering.

Main technical parameters:

Frequency range, Hz	0-1000
Accuracy	1% Full Scale
Resolution, μg	< 125
Sensitivity, pm/g	~ 80
Max acceleration and shock, g	25 for 0-600 Hz 10 for > 600 Hz
Operating temperature, $^{\circ}\text{C}$	0 ... +100
Wavelength range, nm	1530-1570
Phase flatness, degrees	< +/- 5
Cross-axis interference, dB	< -30
Linearity, dB	< +/- 1 sensitivity flatness
Connectors	FC/APC
Dimensions, Weight	18 x 97 x 58mm, 220gr
Materials	Aluminum
Type of mounting	Screw or glue

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