



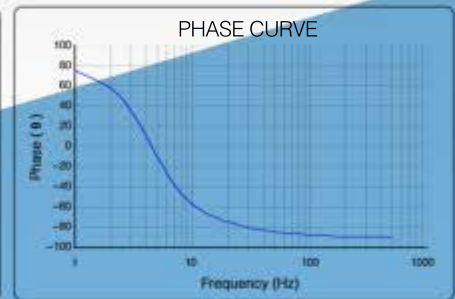
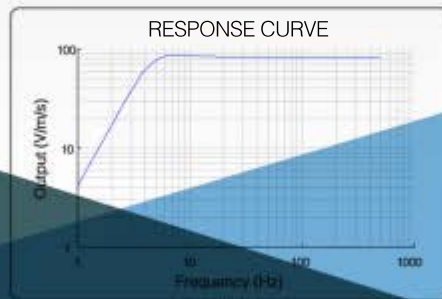
# PS-4.5C1

## Low Frequency Geophone

PS-4.5C1 geophone is kind of low frequency geophone with high sensitivity developed for lowing request of seismic exploration and engineering which is mainly to receive deep level, low frequency and weak signal. It can be used as single point and also 3- component

- High sensitivity: 82V/m/s
- Low Frequency:
- High SNR and wide dynamic range
- Low distortion

| Parameter/Mode           | PS-4.5C1(20°C) |
|--------------------------|----------------|
| Natural frequency (Hz)   | 4.5 ± 0.5      |
| Sensitivity (V/m/s)      | 82 ± 7.5%      |
| Damping                  | 0.58 ± 20%     |
| Coil Resistance(Ω)       | 3400 ± 10%     |
| Moving Mass (g)          | 11.3           |
| Spurious Frequency (Hz)  | ≥90            |
| Max. Coil Excursion(mm)  | 4              |
| Distortion (%)           | ≤0.3           |
| Dimensions (mm)          | 25.4 × 36      |
| Temperature range ( °C ) | -40~+70        |
| Warranty Period (Year)   | 1              |
| Weight (g)               | 80             |



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