

# SENSHE SS-4.5N Geophone

## Basic Info.

Model NO.	SS-4.5N	Accuracy	<1mm
Vertical Lines	1	Horizontal Line	1
4.5Hz	Vertical or Horizontal Geophone	Trademark	SENSHE
Specification	API	Origin	P. R. China
HS Code	90159000		

## Product Description

Type: SS-4.5N		
Natural Frequency:	4.5 Hz	± 10%
Coil resistance:	375 Ω	± 5%
Open Circuit Damping:	0.6	± 5%
Open circuit intrinsic voltage sensitivity:	28.8 v/m/s	± 5%
Harmonic distortion:	<0.2%	
Moving Mass	11.3	g
Typical case to coil motion p-p	4	mm
Operating Temperature Range:	-40 To +100	° C
Height	36	mm
Diameter	25.4	mm
Weight	86	g
All parameters specified here in are rated at a temperature of 20 ° C± 2 ° C		

## Features:

High quality, Reliable and cost effective  
 Low distortion close tolerance geophone  
 Low sensitivity to temperature change  
 2D&3D seismic application

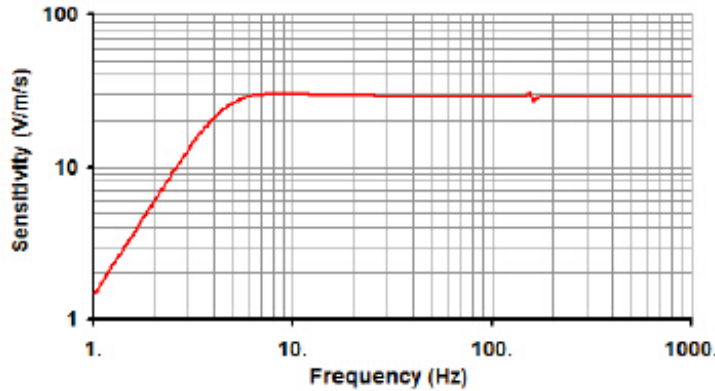
Warranty Period 3 years.



Response Curves for SS-4.5N Geophone Element

**Geophone Response Curve**

Geo Type	Frequency (Hz)	Shunt (ohm)	R total (ohm)	Damping	Sensitivity V/m/s
Frequency : 4.5 Hz Moving Mass : 11.3 g Nr of geophones in series: 0. Nr of paralel branches: 0.	Curve 1	O.C.	375	0.600	28.80



**Geophone Phase Lag (signal relative to case velocity)**

Geo Type	Frequency (Hz)	Shunt (ohm)	R total (ohm)	Damping	Sensitivity V/m/s
Frequency : 4.5 Hz Moving Mass : 11.3 g Nr of geophones in series: 0. Nr of paralel branches: 0.	Curve 1	O.C.	375	0.600	28.80

