

Specification of SS-4.5N Geophone Element

All parameters specified here in are rated at a temperature $20^{\circ}\text{C}\pm 2^{\circ}\text{C}$

Type	SS-4.5N
Natural Frequency (Hz)	$4.5\pm 10\%$
Coil resistance (Ω)	$375\pm 5\%$
Damping	$0.6\pm 5\%$
Open circuit intrinsic voltage sensitivity (v/m/s)	$28.8 \text{ v/m/s} \pm 5\%$
Harmonic distortion (%)	$\leq 0.2\%$
Typical Spurious Frequency(Hz)	≥ 120
Moving Mass (g)	11.3g
Typical case to coil motion p-p (mm)	4mm
Operating Temperature Range ($^{\circ}\text{C}$)	-40°C TO $+100^{\circ}\text{C}$
Height (mm)	36mm
Diameter (mm)	25.4mm
Weight (g)	86g
Warranty Period	3years

