

DT-20DX-4.5HZ
P/N: 810100-007

Low frequency geophone element

High quality, reliable and cost effective
 3 years limited warranty
 2-D & 3-D seismic exploration application
 Suitable for land, transition zone, marsh and shallow water environments with various cases



Specifications (all parameters are specified at + 22 °C)

Frequency	Natural frequency (fn)	4.5Hz
	Tolerance	± 0.5Hz
	Max. tilt angle for specified fn	10°
	Typical spurious frequency	>160 Hz
Distortion	Distortion	≤0.3%
	Distortion measurement frequency	12 Hz
	Max. tilt angle for distortion specification	Vertical
Damping	Damping with calibration-shunt	0.7
	Tolerance with calibration-shunt	± 10%
Coil Resistance	Standard	395 ohm
	Tolerance	± 5%
Sensitivity	Sensitivity	23.4 V/m/s (0.594 V/in/s)
	Tolerance	± 10%
	Moving mass	11 g (0.395 oz)
	Maximum coil excursion p.p.	1.5 mm (0.060 in)
Physical Characteristics	Diameter	25.4 mm (1 in)
	Height	33.0 mm (1.26 in)
	Weight	89 g
	Operating temperature range	-40°C to +100°C
Limited Warranty Period		1 years

Warranty excludes damage caused by high voltage and physical damage to the element case.
 SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

