

CLOSE TOLERANCE SPECS**HIGH SPURIOUS RESPONSE**

PRODUCT DESCRIPTION

The GS-32CT seismic sensor features close tolerance specifications and high spurious response in excess of 250Hz for extended, clean bandwidth.

FEATURE HIGHLIGHTS

- Full compatibility with GS-20DX and GS-30CT geophones
- Typical string distortion less than .03% 12 series, damped .70
- High-sensitivity option available



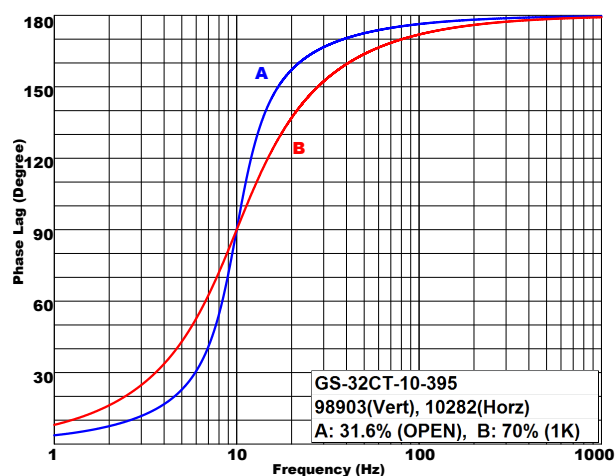
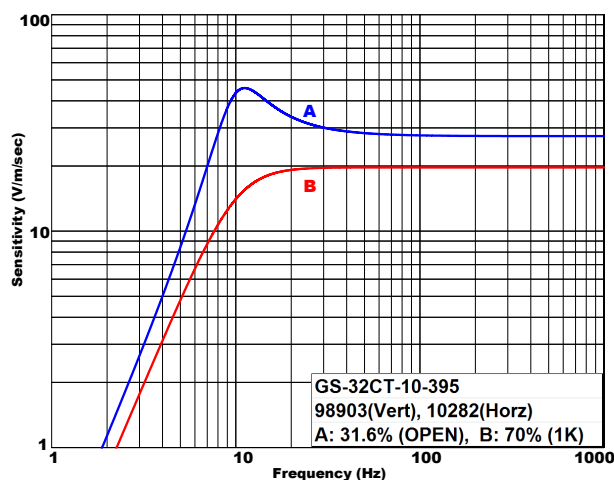
MECHANICAL SPECIFICATIONS

	METRIC	US
Orientation	Vertical and Horizontal available	
Moving Mass	11.2 g	0.395 oz
Maximum Coil Excursion p-p	>1.52 mm	0.06 in.
Diameter	2.54 cm	1.00 in.
Height (less terminals)	3.30 cm	1.30 in.
Weight	86 g	3.03 oz
Operating & Storage Temperature Range	-45 to +100°C	-49 to 212°F

ELECTRICAL SPECIFICATIONS @25°C

Frequency	10 Hz *	
Spurious Frequency, typical	>250 Hz	
Distortion at Vertical	<0.10%	
Coil Resistance	395 Ω *	
Open-Circuit Sensitivity	27.48 V/m/s	0.698 V/in/s
Sensitivity at 70% Damping	19.69 V/m/s	0.500 V/in/s
Open-Circuit Damping	31.60%	
Tilt Angle when coil hits end stop	Vertical geophone = 37° Horizontal geophone $\pm 10^\circ$	

* Other frequencies and resistances available



SOLUTIONS FOR A SMARTER FUTURE

Specifications subject to change at sole discretion of Geospace Technologies.