

# GS-30CT GEOPHONE



**Close Tolerance Specs,  
Low Distortion Geophone**

# GS-30CT

## PHYSICAL SPECIFICATIONS

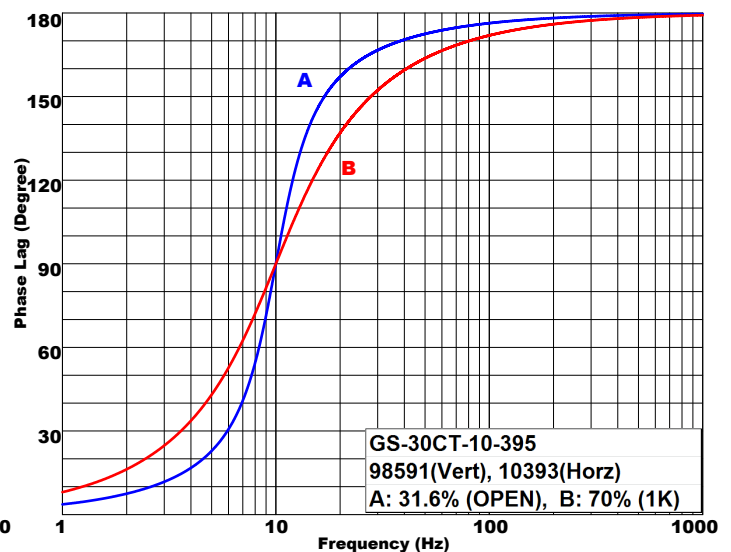
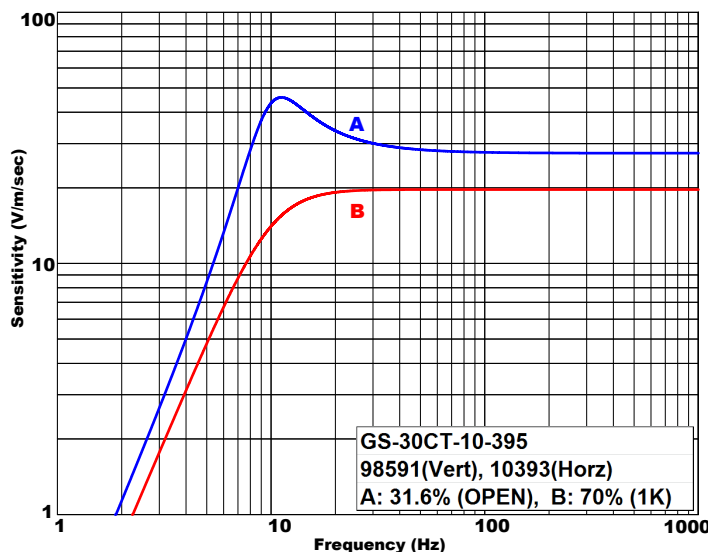
<b>Orientation</b>	Vertical and Horizontal available
<b>Moving Mass</b>	11.2 g (0.395 oz)
<b>Maximum Coil Excursion p-p</b>	>1.52 mm (0.059 in.)
<b>Diameter</b>	2.54 cm (1.00 in.)
<b>Height (less terminals)</b>	3.30 cm (1.30 in.)
<b>Weight</b>	86.00 g (3.03 oz)
<b>Operating &amp; Storage Temperature Range</b>	-45 to +100°C (-49 to 212°F)

## ELECTRICAL SPECIFICATIONS

	@25°C
<b>Frequency</b>	10 Hz *
<b>Spurious Frequency</b>	>160 Hz
<b>Distortion at Vertical</b>	<0.08%
<b>Coil Resistance</b>	395 Ω *
<b>Open-Circuit Sensitivity</b>	27.5 V/m/s (0.698 V/in/s)
<b>Sensitivity at 70% Damping</b>	19.7 V/m/s (0.500 V/in/s)
<b>Open Circuit Damping</b>	31.6%
<b>Tilt Angle when coil hits end stop</b>	Vertical geophone = 37°   Horizontal geophone ± 10°

\* Other frequencies and resistances available.

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