

OMNI-X-LT



Omni-Directional Geophone

OMNI-X-LT

MECHANICAL SPECIFICATIONS

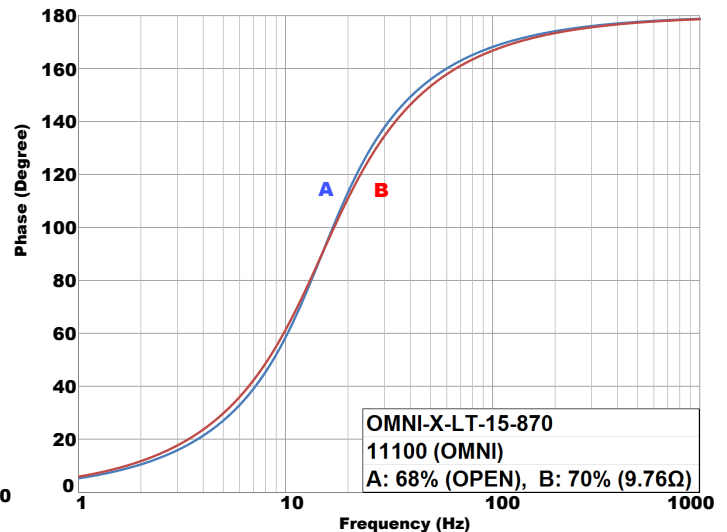
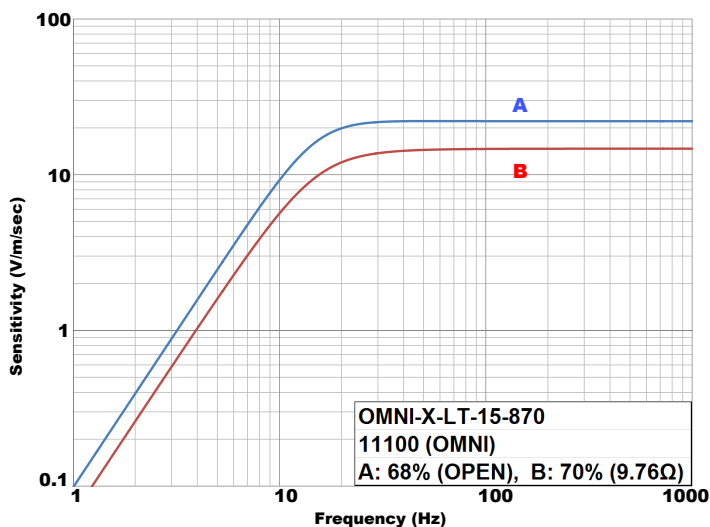
Orientation	Horizontal to $\pm 90^\circ$
Moving Mass	12.0 g (0.423 oz)
Maximum Coil Excursion p-p	> 4.06 mm (0.06 in.)
Diameter	2.84 cm (1.12 in.)
Height (less terminals)	3.94 cm (1.55 in.)
Weight	120 g (4.23 oz)
Storage Temperature	-45° to $+100^\circ$ C (-49 to $+212^\circ$ F)
Operating Temperature (Maximum)	$+100^\circ$ C (212° F) continuous duty

ELECTRICAL SPECIFICATIONS

	@25°C
Frequency	15 Hz *
Spurious Frequency	> 160 Hz
Distortion	< 0.20%
Coil Resistance	870 Ω *
Open-Circuit Sensitivity	22.0 V/m/s (0.560 V/i/s)
Sensitivity at 70% Damping	20.236 V/m/s (0.514 V/i/s)
Open-Circuit Damping	68%
Tilt Angle when coil hits end stop	N/A

* Other frequencies and resistances available.

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