

Ant 9 Borehole Induction Magnetometer

The Ant 9 Borehole Magnetometer was designed for borehole/downhole applications and has exceptionally low noise levels for a magnetometer of this size. With a total length of only 340mm it is designed into downhole tools with inner diameters as low as 36.5mm(1.4375in) and covers the frequency range from 0.1Hz to 30kHz.

Technical Data

• 3dB Bandwidth	1Hz-30kHz
• Sensitivity in Passband	100mV/nT
• Sensor Noise	
@ 1Hz	1.4pT/√Hz
@ 100Hz	0.011pT/√Hz
@ 1kH	0.0025pT/√Hz
@ 10KHz	0.003pT/√Hz

• Supply Current	6.5mA
• Minimum Power supply voltage	+9.5V
• Maximum Power supply voltage	+15V
• Length	343mm (13.5in)
• Weight	1.36kg (3 lbs)
• Maximum Outside Diameter	35.5mm (1.4in)

