

Manhole antenna (900MHz) for Loadsensing nodes



HE-ANT-U900-1

Low profile antenna designed specifically for installation on steel manholes.

BENEFITS

- **Enhanced Signal Access:** Allows signal access through steel manholes, ensuring reliable data transmission
- **Easy Installation:** Quick and simple to install, requiring minimal site setup
- **Ideal for Long-Term Use:** Perfect for unattended wireless data acquisition projects due to its robust design and reliability

APPLICATIONS

- **Pore Pressure Monitoring:** Suitable for monitoring pore pressure using piezometers
- **Ground Movement Monitoring:** Ideal for monitoring ground movement with borehole extensometers and in-place inclinometers
- **Enhanced Data Transmission:** Can be used with the Loadsensing LS-G6 Wireless Datalogger system to increase data transmission distances from a wireless node to a collection gateway unit

TECHNICAL SPECIFICATIONS

Frequency Options:	Available in 850MHz or 900MHz	Durability:	High-density urethane with M10 stainless steel coach bolt, designed to withstand heavy traffic and extreme temperatures
Antenna Gain:	3 dbi gain monoband tuned loop antenna	Cable & Connectors:	Supplied with a 2m (6.5ft) RG58 coaxial cable and SMA male connector (custom connectors available)
Dimensions:	120mm (4.72") x 17mm (0.67") – similar height to a cat's eye road marker		