

Manhole antenna (900MHz) for Loadsensing nodes



HE-ANT-U900-1

Low profile antenna designed specifically for installation on steel manholes.

- **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

Antenna Gain:

Dimensions:

3 dbi gain monoband tuned loop antenna

Supplied with a 2m (6.5ft) RG58 coaxial cable and SMA Cable & Connectors:

temperatures

120mm (4.72") x 17mm (0.67") – similar height to a cat's eye road marker

male connector (custom connectors available)