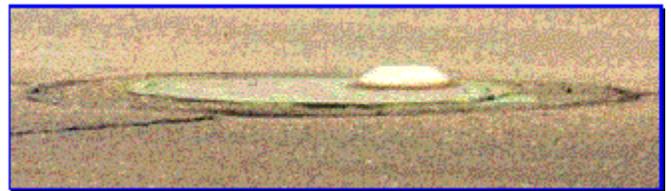




ANT-ML

MANHOLE LID ANTENNA



Features

- Low Profile
- Different Frequencies Available:
 - Digital Cellular (**ANT-ML-8619**)
 - Analog Cellular (**ANT-ML-860**)
 - ISM Spread Spectrum (**ANT-ML-902**)
 - Bluetooth, Wifi, ZigBee (**ANT-ML-2400**)
- Chemical Resistant
- Waterproof
- 3 dB Gain
- Customizable Cable Length and Connector
- Suitable for High Traffic Locations

Operational Description

Imagine having the ability to communicate with your equipment that is installed in a manhole in the middle of a busy street; having the ability to not have to block traffic to retrieve your data anymore. Well then Optimum Instrument's Manhole Lid Antenna (ANT-ML) is the answer.

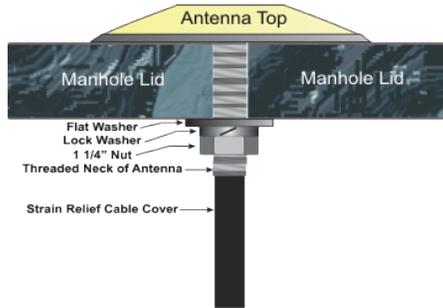
Our manhole lid antenna features a rugged design which allows the antenna to be mounted directly onto a manhole lid. The ML series antenna is waterproof with a steel base to attach the antenna securely through a 1" hole in the lid. Construction of the antenna uses adhesives that are resistant to JP-4, acetone, methyl ethyl ketone, motor oil, and gasoline. And its rugged construction makes it virtually tamper-proof. Our standard antenna has a TNC connector on the bottom of the mounting stem that attaches easily to the supplied 12' or 20' length of LMR195 cable. Rugged, and durable; this design makes this antenna an excellent choice for your high traffic area installations

Applications

- Vendor Managed Inventory
- Interconnection weir monitoring
- Pump station monitoring
- Strain gauge studies
- Meteorological studies



Installation Images



Technical Specifications

Electrical Specs		
• VSWR at Resonant Point:		2:1 max
• Connector:		User selectable
• Nominal Impedance:		50 Ohms
• Gain:		3 dB
• Polarization:		Vertical
• Maximum Power Input:		125 watts
Dimensions		
• Height:	ANT-ML-8619	1.50"
	ANT-ML-860	1.25"
	ANT-ML-902	1.25"
	ANT-ML-2400	0.875"
• Diameter:	All Models	7.00"
Specifications subject to change without notice.		

- ANT-ML-8619 *Digital Cellular 824-896 MHz and 1850-1990 MHz dual-band comes with 20 feet of LMR195 cable.*
- ANT-ML-860 *Analog Cellular 800 MHz comes with 12 feet of LMR195 cable.*
- ANT-ML-8619 *ISM Spread Spectrum 902-928 MHz comes with 12 feet of LMR195 cable.*
- ANT-ML-8619 *Bluetooth, Wifi, ZigBee 2.4 GHz ISM comes with 12 feet of LMR195 cable.*

Ordering Information

Model Part No.	Description
ANT-ML-8619	Digital Cellular Manhole Lid Antenna
ANT-ML-860	Analog Cellular Manhole Lid Antenna
ANT-ML-902	ISM Spread Spectrum Manhole Lid Antenna
ANT-ML-2400	Bluetooth, WiFi, ZigBee Manhole Lid Antenna

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