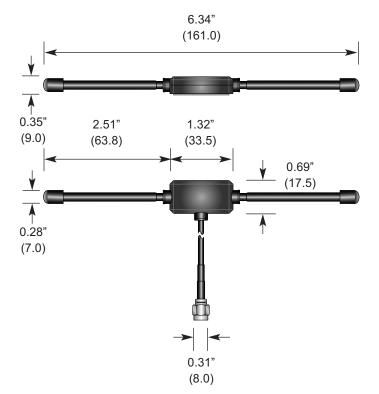


ANT-418-MHW-xxx-x DATA SHEET

Product Dimensions



Description



MHW Series dipole antennas feature a durable, unobtrusive housing that sticks permanently with integral adhesive to flat, non-conductive surfaces such as windows, drywall, ceiling tiles, plastic, etc. The antennas are well suited to low-power devices, but are capable of operation at levels to 10 watts. The MHW is supplied with either 6.5 feet (2m) or 15 feet (4.6m) of RG-174 cable and attaches via a standard SMA or Part 15 compliant RP-SMA connector. Custom cable lengths and connectors are available for volume OEM customers.

Features

- · Compact & unobtrusive
- · Adhesive for flat surfaces
- Excellent performance
- Omni-directional pattern
- Very low VSWR
- · Two flexible shafts
- Rugged & damage-resistant
- · Standard SMA or Part 15 compliant RP-SMA connector

Electrical Specifications

Center Freq. 418MHz
Recommended Oper. Freq. 408-428MHz
Wavelength 1/2-wave

VSWR ≤1.5 typ. at center

Impedance 50 ohms

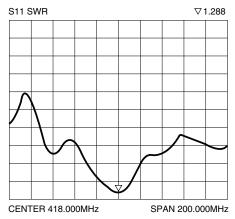
Connector RP-SMA or SMA

• Cable 79" or 180" RG-174 coax

Ordering Information

- ANT-418-MHW-RPS-L (RP-SMA connector, 180" coax)
- ANT-418-MHW-RPS-S (RP-SMA connector, 79" coax)
- ANT-418-MHW-SMA-L (SMA connector, 180" coax)
- ANT-418-MHW-SMA-S (SMA connector, 79" coax)

VSWR Graph



Typical VSWR

