

M54 Omni-directional Fiberglass Antenna



Package Contents

- Omni-directional Fiberglass Antenna
- Aluminum riser
- Pole mounting hardware

Specifications	
Part Number	M54
Frequency Range	806-939MHz, 1850-1990Mhz
Impedance	50 Ohms
Antenna Gain	9 dBd
H Beamwidth	60 x 360 degrees
Height	29-3/4" (Antenna) 13-3/4" (Aluminum Riser)
Connector	N/Female
Mount	Pole mount (up to 1-3/4" pole) with included brackets

Determine Your Mounting Location

The M54 Fiberglass Antenna should be mounted as high as possible with no obstructions between it and the cell tower. Cellular antennas work on a line-of-sight basis so the higher the antenna is, the farther it can receive a signal.

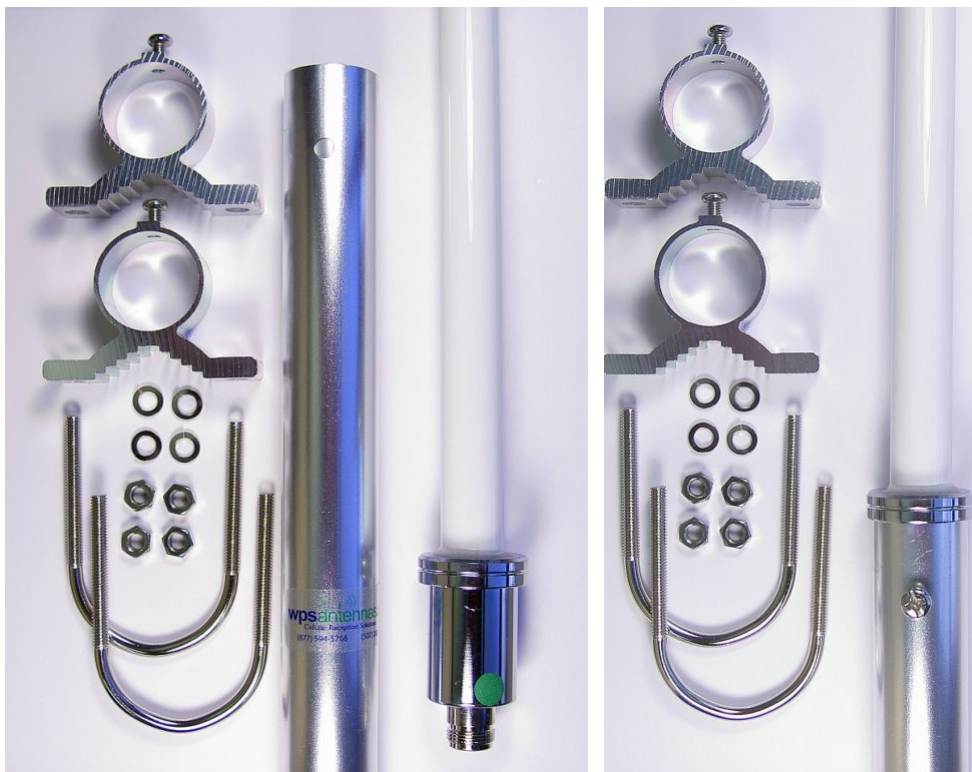
There is a compromise between installing the antenna as high as possible and keeping the cable run short to reduce signal loss. For cable runs under 20' you can use RG-58 cables. For runs over 20', we recommend Times Microwave LMR-400. In either case, one end must be N/Male to connect to the antenna. Please visit <http://www.wpsantennas.com> for our selection of cabling.

Vertical Placement

Vertical placement is very important for proper operation and maximum gain. Not having the antenna mounted vertically decreases its performance.

Assembling and Attaching the Antenna

- Thread the cable (not included) up through the aluminum riser and connect to the antenna.
- Connect the aluminum riser to the antenna using supplied screw
- Attach pole mount hardware to 1-3/4" diameter or less pole (not included) or to flat surface. Screws for flat surface mounting are not included.
- Slide riser into pole mount hardware and tighten pole mount screws. Antenna should be vertical and located above pole mount hardware.
- Other end of cable should be connected to phone adapter or amplifier (not included.)



Technical Support

- Toll Free: (877) 594-5766
- E-mail: wpsantennas@wpsantennas.com

DANGER – WATCH FOR WIRES: You can be killed if the M54 fiberglass antenna comes near electric power lines.