

Description - Mission supplies the M 424 antenna kit with all M110 and M800 remote terminal unit orders. Extension kits are available. The antenna kit is designed to accommodate most mounting options encountered. The included L bracket provides the ground plane for the antenna, ensures adequate offset to eliminate coupling in the wall mount option and incorporates wall and pole mount cut outs with cabling support tie downs. Mission strongly urges outdoor antenna installations. The kit includes:

- 3 dB gain omni directional dual band cellular antenna whip, all weather.
- Molded antenna base with ¼ " mounting bolt and securing nut. Base has eleven feet of RG 58 coaxial cable with SMA male connector.
- Aluminum L bracket antenna mounting base with stainless hose clamps for up to one-inch diameter conduit.

Specifications

- Vertical oriented, horizontal, omni-directional radiation pattern
- Dual band transmit and receive operating frequencies centered 850 MHz and 1850 MHz
- 50 ohm impedance
- VSWR less than 1.5 to 1 at both operating frequencies
- Gain at 850 MHz is 2.5 dB
- Gain at 1850 MHz is 3.0 dB
- RG 58 coaxial cable rated to 2 GHz
- Coaxial cable terminates in SMA male connector with gold plated element, approximately 0.5 dB attenuation per paired connection
- Approved for outdoor use

Options

- Extended length coaxial cable available in 15', 20', 25', and 50' lengths
- 15' and 20' lengths are RG 8, 50 ohm coaxial cable rated to 2 GHz
- 25' and 50' lengths are Beldin 9913 low loss RG 8 50 ohm coaxial cable rated to 2 GHz
- Extension cables terminate in TNC female connectors rated to 2 GHz with gold plated element connections
- Extension antenna is same as above with 7.5" RG 58 coaxial cable terminating in an TNC male connector rated to 2 GHz with gold plated element connections
- Extension cables supplied with 12" step down adapter. TNC male connector and SMA male connector rated to 2 GHz with gold plated element connections
- Approximately 0.5 dB attenuation per paired connection
- Extension cables come with 4 pieces of all weather antenna connector protection tape.

