

MWA-12

Microwave antenna

The MWA-12 antenna is a perfect addition to any RF device, including RF detectors, spectrum analyzer, receiver, etc. when it is necessary to detect or receive signals above 2 GHz: 3G, upper band 4G/LTE, WiFi 2.4GHz, Bluetooth, WiFi 5GHz, wireless cameras, etc.

Thanks to its directivity it allows the operator to pinpoint the source easily. At the same time the detection distance comparing to the omnidirectional antennas is at least 2 times longer (gain 6dB).

Features:

- Frequency range 2000-12000 MHz (2-12GHz)
- Directed (log-periodic)
- Typical forward gain: 6 dBi
- Tripod mountable (tripod supplied)
- The tripod can convert to a hand-held unit for manual probing (locating procedure)
- Connector type: SMA
- 80 cm cable
- Dimensions (without tripod) 8 x 6 x 0.7 cm
- Mode of use: receive
- Indoor use only

Usage with a bug detector

The MWA-12 will increase detection distance of signals above 2GHz when used with a near-field RF detector (also known as RF detector or bug detector). The reception will be improved for such signals as 3G, upper band 4G/LTE, WiFi 2.4GHz, Bluetooth, WiFi 5GHz, wireless cameras, etc.

The RF device must have the SMA female connector. Otherwise the adapter should be used.

Since the efficient range starts from 2 GHz, the signals with lower frequency will be omitted. Therefore repeat sweeping procedure with the standard antenna supplied with a near-field RF detector.