



MIMO Low Profile Surface Mount Antennas

Many of the newest wireless networks, are moving towards greater use of MIMO (Multiple-Input-Multiple-Output) systems and MIMO Antennas.

MIMO systems, also known as spatial multiplexing, transmit different data on different antenna elements. The net result is greater data throughput and improved bandwidth efficiency.

Mobile Mark's new MIMO Mobile Antenna provides two or three cable feeds, each with identical frequency coverage. Separate antenna elements are housed within a compact rugged radome.

Each element is fed by a different cable; each cable covers the entire bandwidth specified.

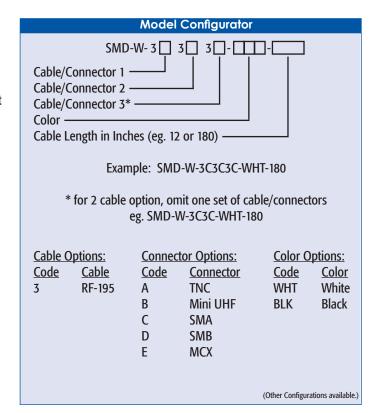
This Low Profile Surface Mount Antenna is housed in a rugged, UV Resistant, ASA radome that measures 1.5-inches (38mm) tall x 3.5-inches (89mm) in diameter.

Standard configuration is Low Loss RF-195 cable with SMA Plug (Male).

The SMD Antenna will stand up to harsh environments. It has a water ingress rating of IPx7 and has been tested to and passed Industry and Military shock and vibration standards.

Surface Mount, MIMO Mobile WiFi

- Multiple-Input-Multiple-Output antenna
- Models with 2 or 3-cables: each cable with identical bandwidth coverage
- Passed Industry and Military shock and vibration standards
- Water ingress rating of IPx7



Specifications			
Frequency:		Color:	White or black
Cable 1-3	2.4-2.5 & 4.9-6.0 GHz	Mounting:	Thru-hole, 5/8" diameter (1.6
Gain:	4 dBi (peak)	Ü	cm)
VSWR:	2:1 max over range		3/4" long (1.9 cm) threaded
Isolation:	>20 dB between elements		stud
Impedance:	50 Ohms (nominal)	Mounting Surface:	Up to 1/4" (6.3 cm) thick metal
Max power:	20 Watts	Connectors:	SMA Plug (Male) Standard
Polarization:	Vertical	Operating Temp:	-40 to +85° C
Power:	20 Watts max	Shock and Vibration:	EN 61373, IEEE-1478, MIL-810G
Cables:	RF-195, 15 ft (4.5 m)		TIA-329.2-C
Case:	3.5"D x 1.5"H (89 cm x 38 cm)	Water Ingress:	IPx7 (when properly mounted)
Weight:	1.0 lbs (.45 kg)		((() () () () () () () () ()
Case Material:	UV resistant ASA		