



MIMO Low Profile Ceiling Mount Antennas
 available with 2 or 3 MIMO elements

Ceiling Mount, MIMO Mobile WiFi 6e 2.4 & 5 GHz

- Multiple-Input-Multiple-Output antenna
- Models with 2 or 3-cables: each cable with identical bandwidth coverage
- Meets Industry and Military shock and vibration standards

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

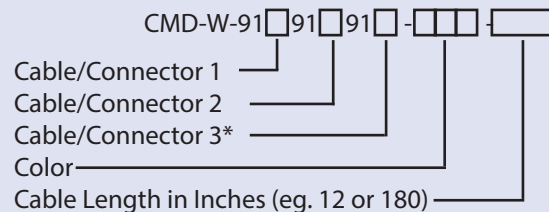
Each element is fed by a different cable; each cable covers the entire bandwidth specified.

This Low Profile Ceiling 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 LMR -195FR cable with SMA Plug (Male).

The CMD 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.

Model Configurator



Example: CMD-W-91C91C91C-WHT-180

* for 2 cable option, omit one set of cable/connectors
 eg. CMD-W-91C91C-WHT-180

Cable Options:		Connector Options:		Color Options:	
Code	Cable	Code	Connector	Code	Color
91	LMR-195FR	A	TNC	WHT	White
		B	Mini UHF	BLK	Black
		C	SMA		

(Other Configurations available.)

Specifications

Frequency:	2.4-2.7 & 4.9-7.2 GHz	Color:	White or black
Gain:	4 dBi (peak)	CMD Mounting:	Thru-hole, 5/8" (16 mm) diam., 3/4" (19 mm) long threaded stud
VSWR:	2:1 max over range	CMD Mounting Surface:	Up to 1/4" (6.3 mm) thick metal
Isolation:	>20 dB between elements	Connectors:	SMA Plug (Male) Standard
Impedance:	50 Ohms (nominal)	Operating Temp:	-40° to +85° C
Max power:	20 Watts	Shock and Vibration:	EN 61373, IEEE-1478, MIL-810G
Polarization:	Vertical	Water Ingress:	TIA-329.2-C
Power:	20 Watts max		IPx7 (when properly mounted)
Cables:	lmr-195FR, 15 ft (4.5 m)		
Case:	3.5"D x 1.5"H (89 mm x 38 mm)		
Weight:	1.0 lbs (.45 kg)		
Case Material:	UV resistant ASA		