



## WIFI ANTENNA

Antenna WLAN 2.4-2.5 GHz,  
Panel, 19 dBi, N(f)

AO-1SMF-2419

SECTRON company offers wide portfolio of WIFI antennas with various versions differing in shape, level of gain or attachment manner. SECTRON guarantees a compatible connection between antenna and all antenna adaptors produced by SECTRON.

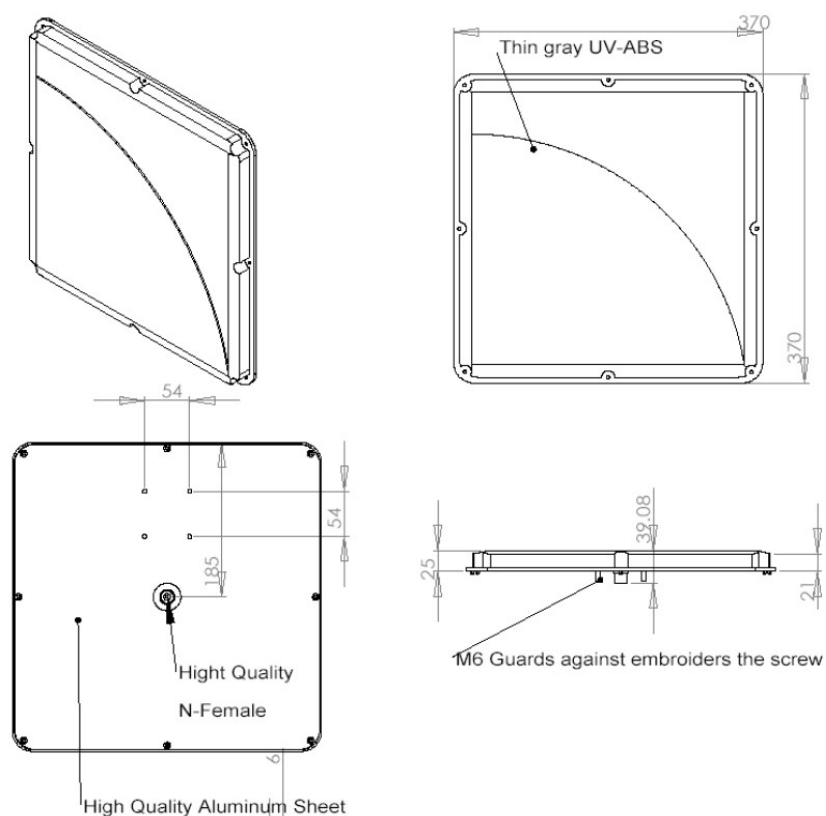


### BENEFITS

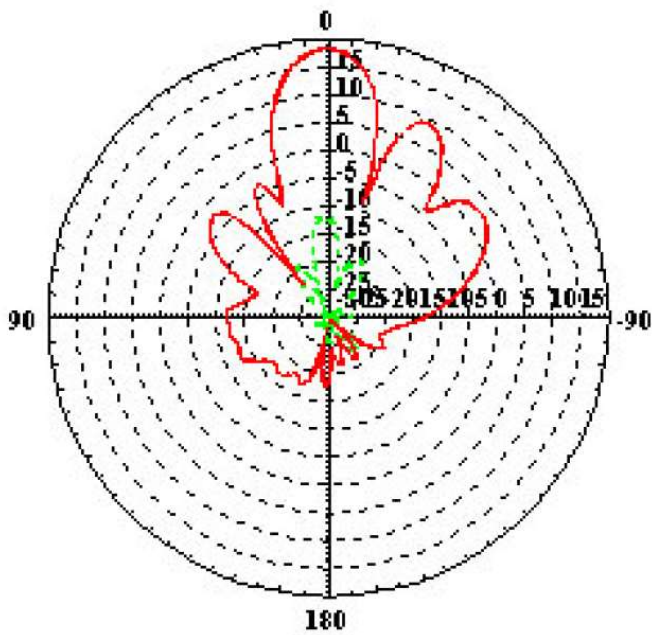
- Low VSWR
- Environmental resistance
- Compact design

Technology	WiFi
Frequency bands	2.4 GHz
Bandwidth	-
Gain	19 dBi
VSWR	<1.5: 1
Impedance	50 Ohm
Directivity	Directional
Beam angle	H 17° V 17°
Polarization	Linear
Maximum input power	50W
Power voltage	-
Dimensions	370 x 370 x 25 mm
Weight	1310 g
Operating temperature	-40 to +95 ° C
Execution	External
Method of attachment	Mounting
Cable type	-
The cable length	-
Connector type	N( f )

DRAWING

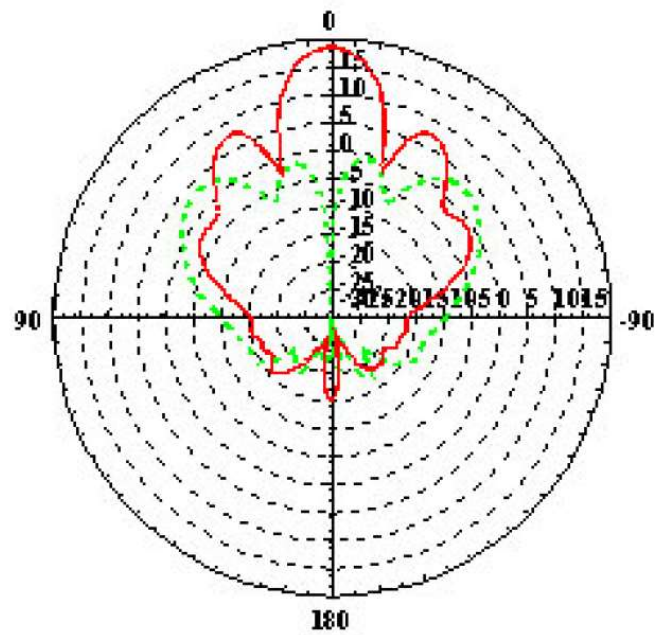


Antenna Vertical & Horizontal Pattern



Vertical

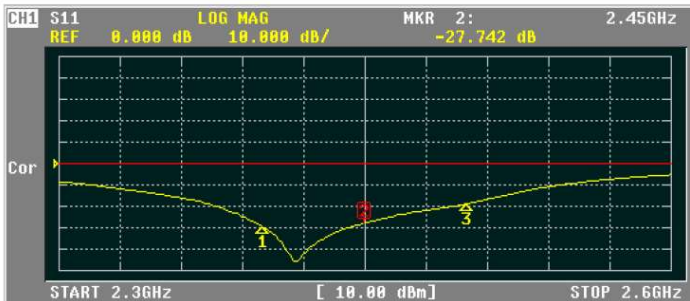
E-plane co-pol ----- 3-dB beam-with=17°



Horizontal

H-plane co-pol ----- 3-dB beam-with=17°

Return loss & V.S.W.R



CH1 MARKER LIST	
1:	2.400 000GHz -29.455 dB
2:	2.458 000GHz -27.752 dB
3:	2.500 000GHz -18.713 dB
4:	
5:	
6:	
7:	
8:	
9:	
10:	

Return loss



CH1 MARKER LIST	
1:	2.400 000GHz 1.009
2:	2.458 000GHz 1.158
3:	2.500 000GHz 1.270
4:	
5:	
6:	
7:	
8:	
9:	
10:	

V.S.W.R

CONTACTS