



## WIFI ANTENNA

Antenna WLAN OMNI 5 GHz,  
15 dBi, N(f)

AO-1GF-51815

SECTRON company offers wide portfolio of Wi-Fi 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.

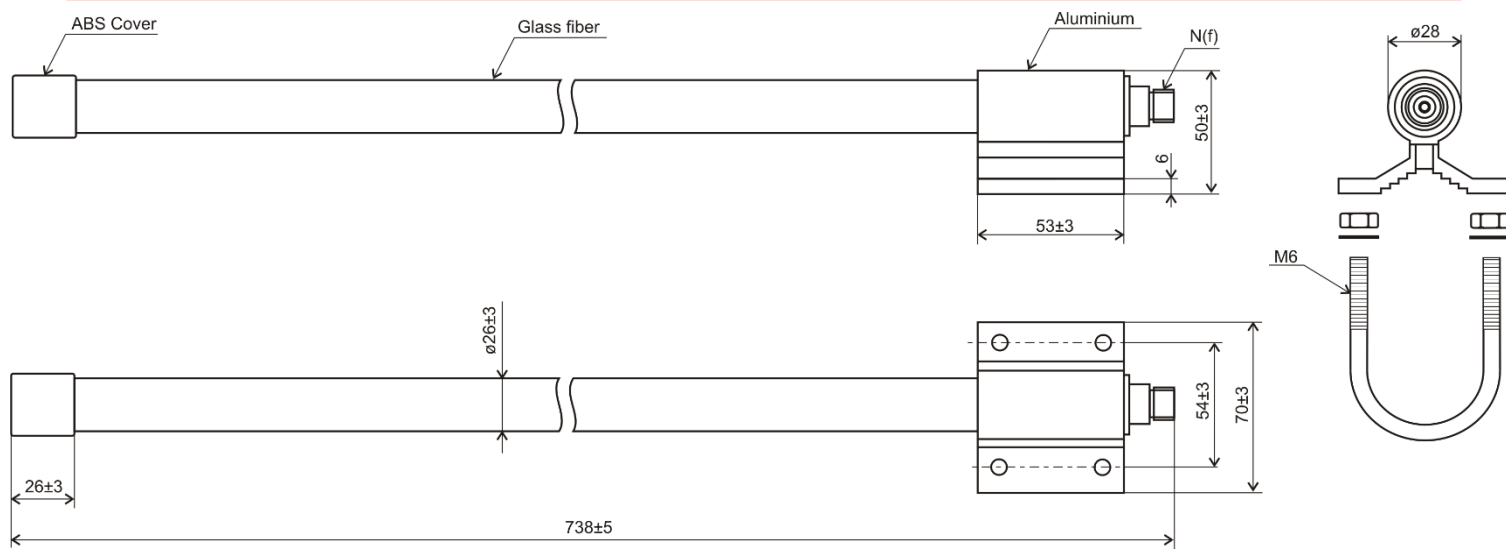
### BENEFITS

- Low VSWR
- High gain
- Environmental resistance

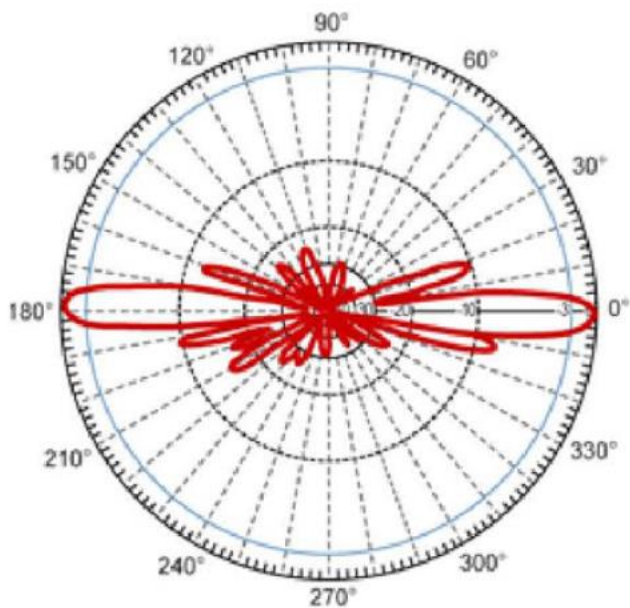


Technology	WiFi
Frequency bands	5 GHz
Bandwidth	-
Gain	15 dBi
VSWR	<1.4:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 7°
Polarization	Linear
Maximum input power	50 W
Power voltage	-
Dimensions	26 x 740 mm
Weight	476.79 g
Operating temperature	-40 to +60 °C
Execution	External
Method of attachment	Mounting
Cable type	-
The cable length	-
Connector type	N(f)
Certification	RoHS, ISO 9001, ISO 14001

DRAWING

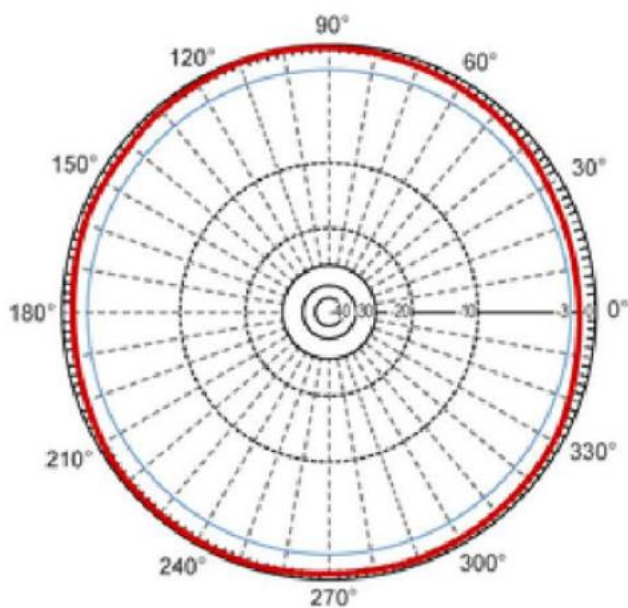


UNIT: mm



Vertical

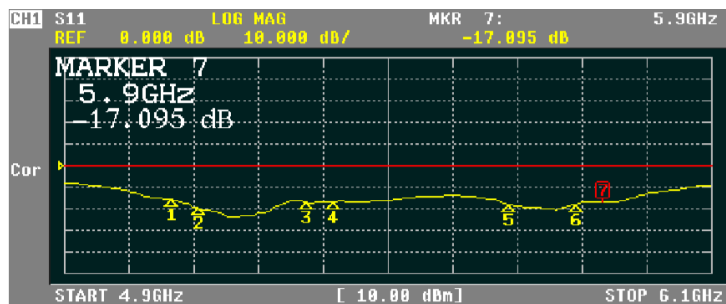
E-plane co-pol --- 3-dB beam-with=7 Deg



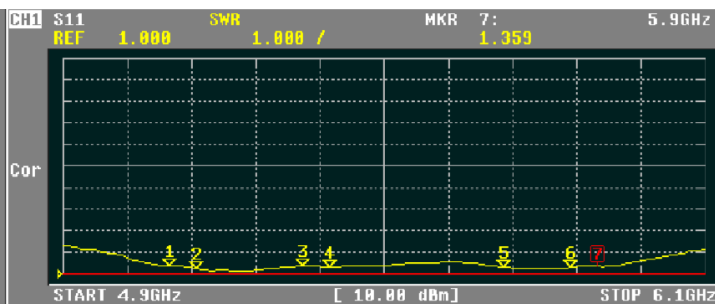
Horizontal

H-plane co-pol --- 3-dB beam-with=360 Deg

**RETURN LOSS [dB] & VSWR – Standing wave ratio [-]**



CH1 MARKER LIST	
1: 5.100 000GHz	-15.610 dB
2: 5.150 000GHz	-20.394 dB
3: 5.350 000GHz	-16.595 dB
4: 5.400 000GHz	-17.134 dB
5: 5.725 000GHz	-17.743 dB
6: 5.850 000GHz	-18.234 dB
7: 5.900 000GHz	-16.998 dB



CH1 MARKER LIST	
1: 5.100 000GHz	1.384
2: 5.150 000GHz	1.244
3: 5.350 000GHz	1.375
4: 5.400 000GHz	1.317
5: 5.725 000GHz	1.316
6: 5.850 000GHz	1.301
7: 5.900 000GHz	1.359