

# S-BAND PATCH ANTENNA

## Applications

- Telemetry Systems
- Tactical Missile Data Links
- UAV Data Links
- Space Applications

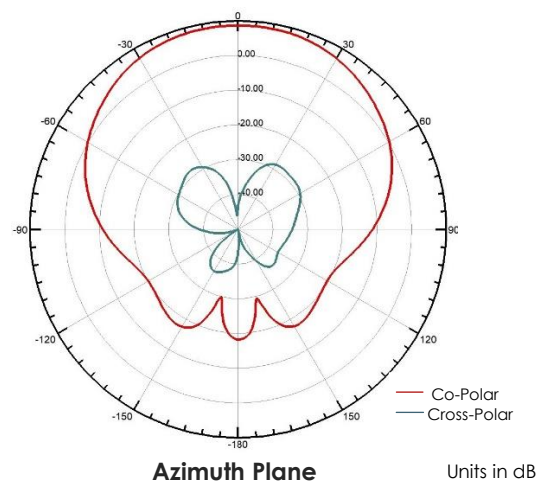
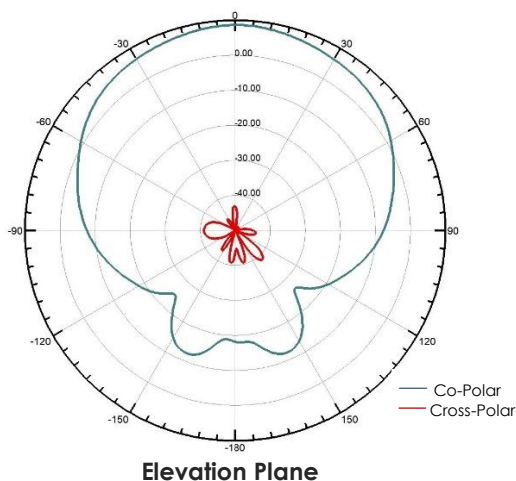


## Features

- High gain
- Lightweight microstrip
- Hemispherical radiation pattern
- 50 ohm antenna interface (SMA)
- Environmental standard MIL-STD-810F compatible
- Environmental laboratory tests and electrical tests conducted by TUBITAK SAGE

## Electrical Specifications

Frequency	2.32 GHz – 2.38 GHz
Bandwidth	60 MHz
Gain	8.6 dBi Nom
Beamwidth	76° (El) x 74° (Az) Approx
VSWR	< 1.3:1
Polarisation	Linear (Vertical)
Cross Polar	> 25 dB
Front to Back	> 25 dB
Power Rating	10 W

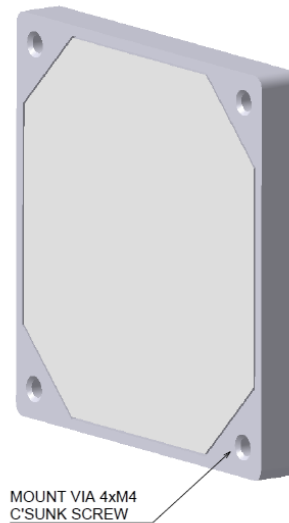
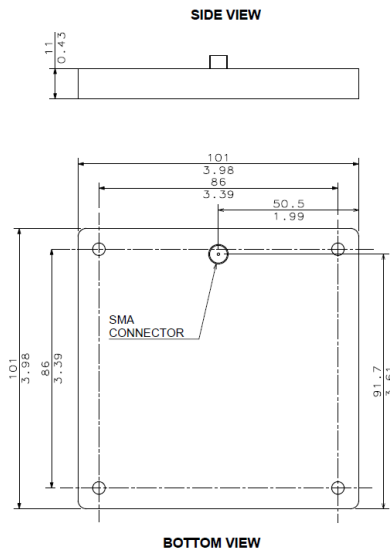


Units in dB

The information about antenna performance in this document is for guidance only. This information represents the values targeted by the designer for each individual product and in case of any possible deviations, Teknokrat does not accept responsibility.

## Mechanical Specifications

<b>Connector Type</b>	SMA female
<b>Standard Finish</b>	Gloss White Radome
<b>Mass</b>	212.4 g (7.5 oz) Approx
<b>Temperature</b>	-40°C to +70°C



Units in mm

For further information please contact:

TEKNOKAR Defence and Aerospace Co.

Gersan Industrial Estate, 2308<sup>th</sup> Street, No: 9, Batkent, Ankara, TURKEY

Tel +90 (312) 251 13 25

Fax +90 (312) 250 96 63

[www.teknokar.com](http://www.teknokar.com)

*The information about antenna performance in this document is for guidance only. This information represents the values targeted by the designer for each individual product and in case of any possible deviations, Teknokar does not accept responsibility.*