



GNSS ANTENNA

Internal patch antenna GPS,
passive, adhesive, with pin
18.5x18.5x2, 1575MHz

AP-AP-GP18-2

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

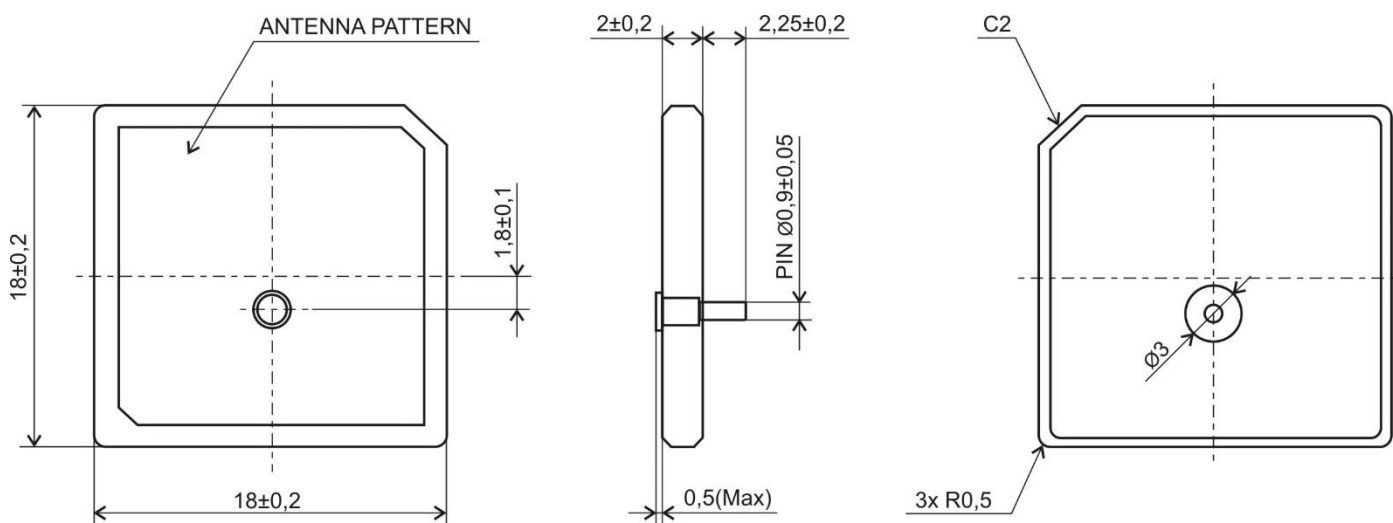


BENEFITS

- Low VSWR
- Minimalist dimensions

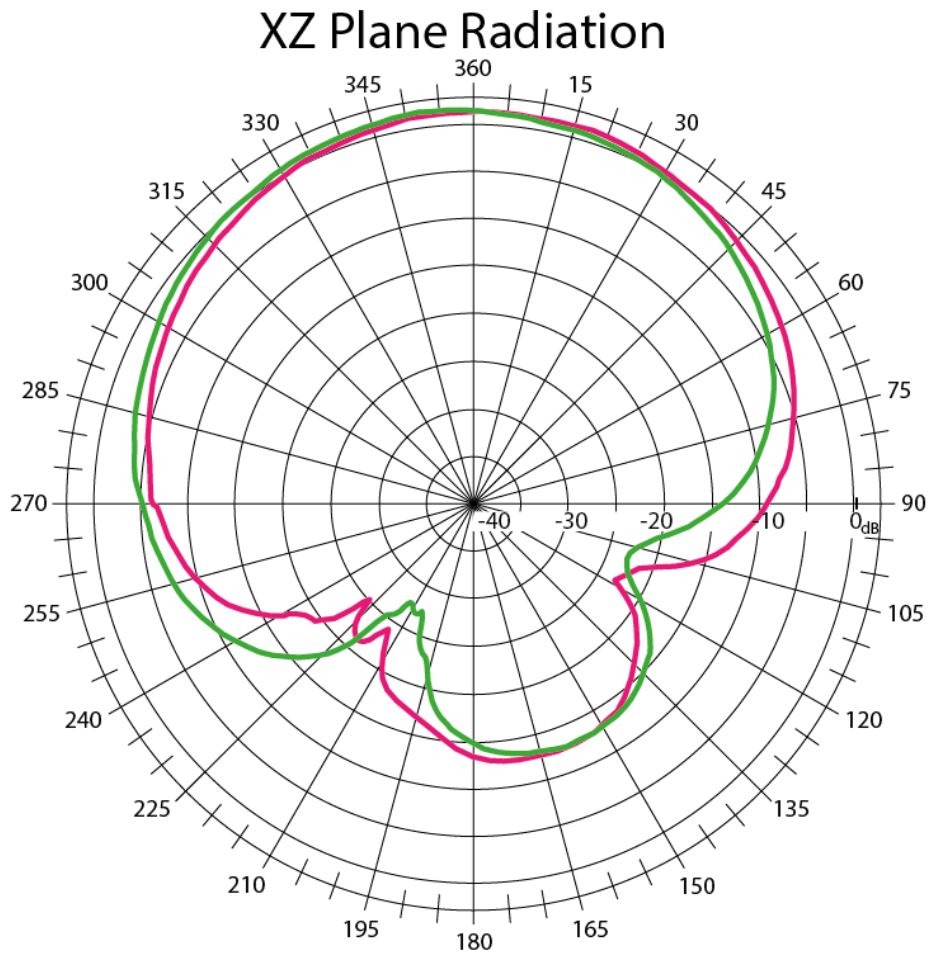
Technology	GPS
Frequency bands	1575.42 MHz
Bandwidth	3 MHz
Gain	1.35 dBi
VSWR	<1.5:1
Impedance	50 Ohm
Directivity	Omni-directional
Beam angle	H 180° V 30°
Polarization	R.H.C.P.
Maximum input power	10 W
Power voltage	2.5 – 5 V DC
Dimensions	18 x 18 x 2 mm
Weight	3.18 g
Operating temperature	-40 to +85 °C
Execution	Internal
Method of attachment	Adhesive
Cable type	-
The cable length	-
Connector type	-

DRAWING



UNIT: mm

RADIATION PATTERN



Patter	Model No.	Test Mode	Freq(MHz)	Max Gain (dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	DA18	XZ	1575.42	1.26/5.00	-25.25/227.00	-3.84	RHCP	2018/1/11
2	DA18	YZ	1575.42	1.35/355.00	-27.92/212.00	-3.76	RHCP	2018/1/11

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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