

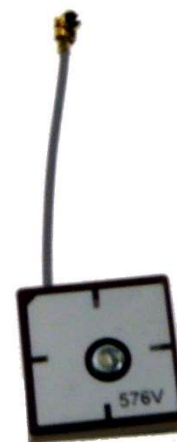


# GPS ANTENNA

Interní patch antény GPS,  
aktivní 17x17x6,3; 15dB, I-  
PEX(f)40mm

AP-AA17-15U

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

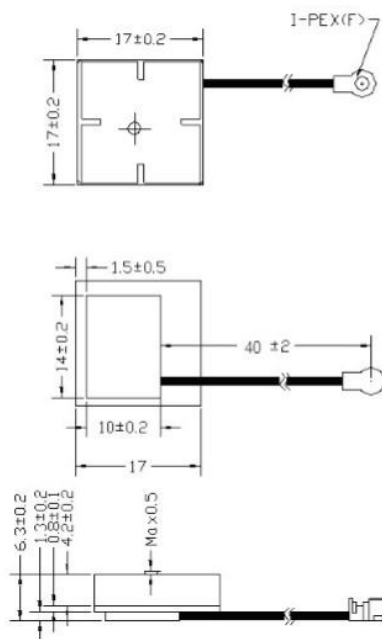


## BENEFITS

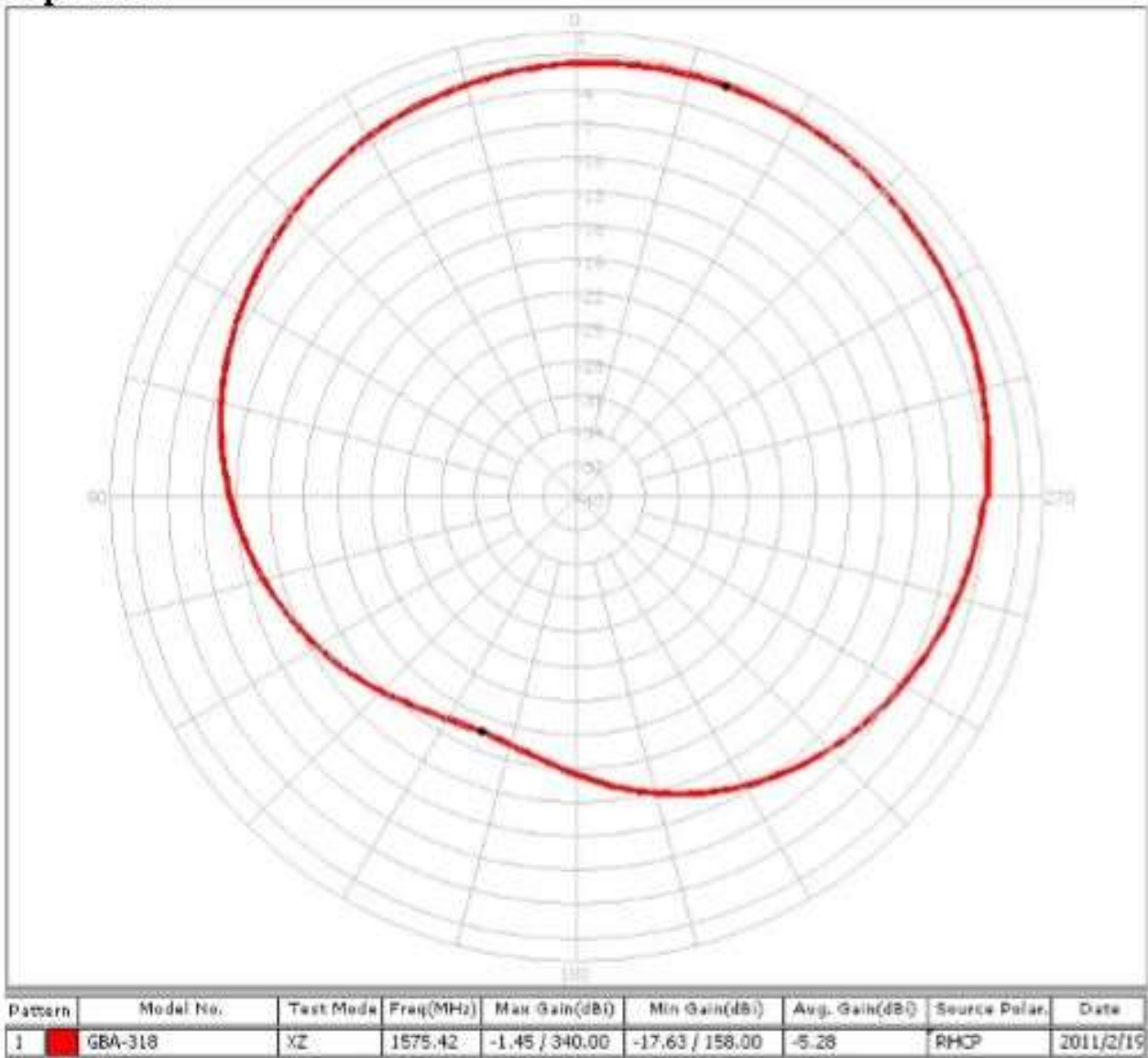
- Minimalist dimensions
- Compact design

|                       |                  |
|-----------------------|------------------|
| Technology            | GPS              |
| Frequency bands       | 1575.42 Mhz      |
| Bandwidth             | -                |
| Gain                  | 15 dBi           |
| VSWR                  | <2.0: 1          |
| Impedance             | 50 ohm           |
| Directivity           | Omnidirectional  |
| Beam angle            | H 360° V 30°     |
| Polarization          | R.H.C.P.         |
| Maximum input power   | 10 W             |
| Power voltage         | 2.7-3.3 V DC     |
| Dimensions            | 17 x 17 x 6.3 mm |
| Weight                | 6.55 g           |
| Operating temperature | -20 to +65 ° C   |
| Execution             | Internal         |
| Method of attachment  | Adhesive         |
| Cable type            | 1.13 mm          |
| The cable length      | 40 mm            |
| Connector type        | IPX(f) MHF I R/A |

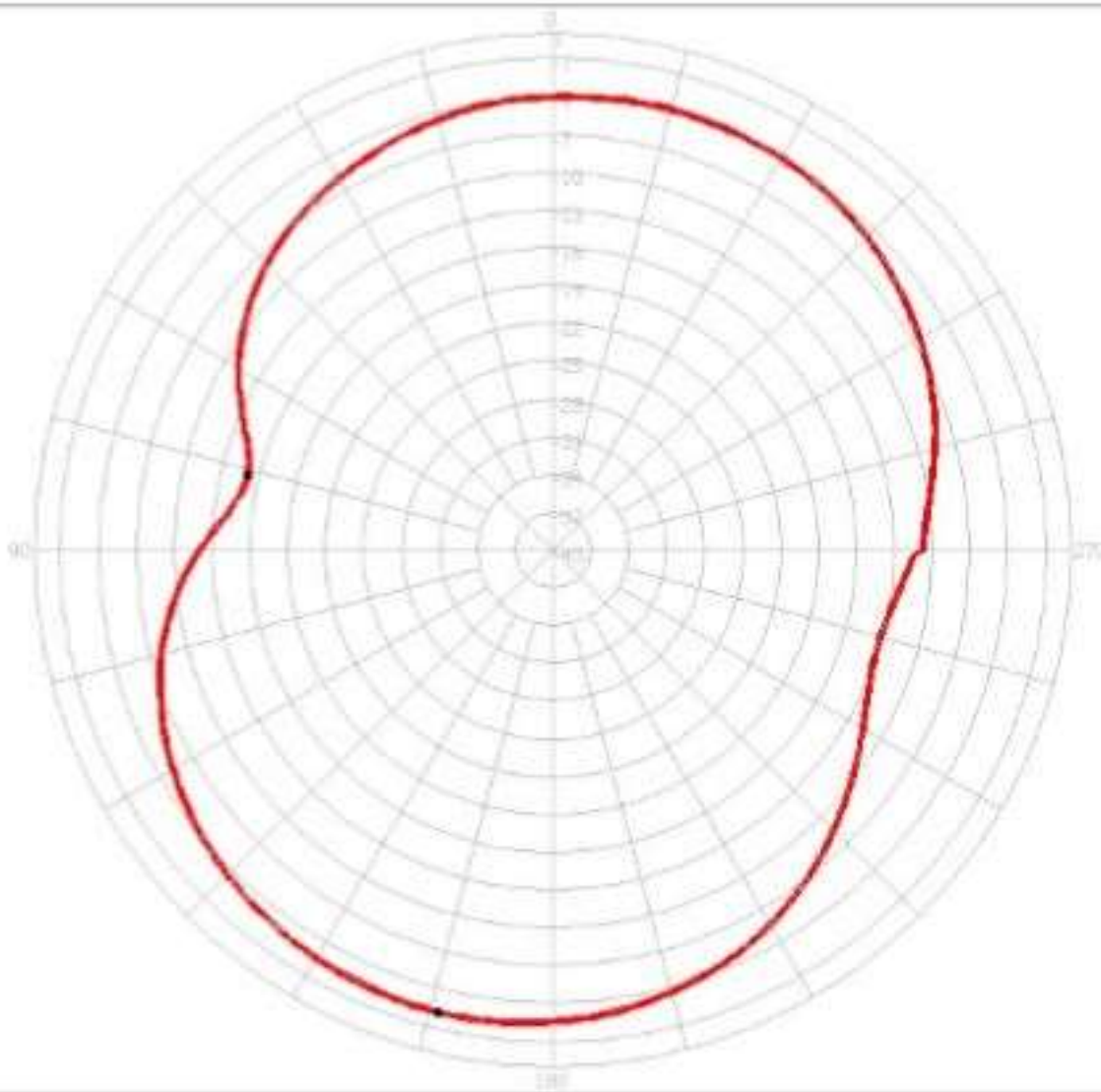
DRAWING



## Radiation patterns



**XZ-Plane**



| Pattern | Model No. | Test Mode | Freq(MHz) | Max Gain(dBi)  | Min Gain(dBi)  | Avg. Gain(dBi) | Source Polar. | Date      |
|---------|-----------|-----------|-----------|----------------|----------------|----------------|---------------|-----------|
| 1       | GBA-318   | YZ        | 1575.42   | -2.21 / 166.00 | -15.17 / 76.00 | -5.72          | RHCP          | 2011/2/19 |

**YZ-Plane**

| VARIANT | PART NUMBER |
|---------|-------------|
|         |             |
|         |             |

## CONTACTS

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