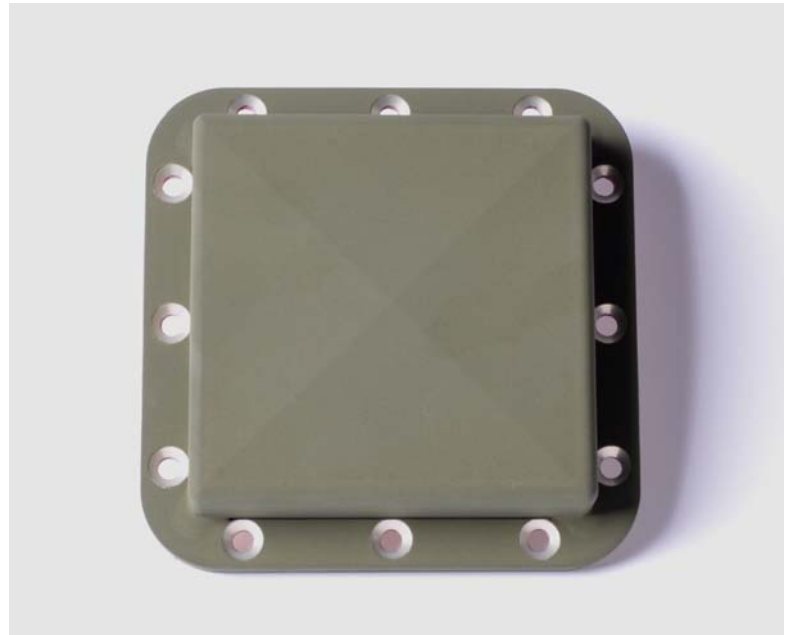


**FRPA-3**

The **FRPA-3** is a military GPS antenna designed for L1 and L2 frequencies. The unique design provides coverage down to low elevation angles. These are extremely durable antennas that can be deployed on all vehicles. A 4 element multi-layer, printed circuit array is used to achieve this high level performance. A molded PEEK radome is used for environmental protection. A CARC paint finish is available in dark green and desert tan.



**SPECIFICATIONS:**

|                              |                               |
|------------------------------|-------------------------------|
| <b>Frequency</b>             | 1227 and 1575 MHz             |
| <b>Gain</b>                  | 6 dBic nominal                |
| <b>Polarization</b>          | RHCP                          |
| <b>Impedance</b>             | 50 Ohms                       |
| <b>VSWR</b>                  | 1.8:1 max                     |
| <b>Beamwidth (3 dB)</b>      | >90 degrees                   |
| <b>Altitude</b>              | 0 to 25,000 feet              |
| <b>Power Handling</b>        | 5 W CW                        |
| <b>Operating Temperature</b> | -55° to +100°C                |
| <b>Antenna Connector</b>     | TNC Female                    |
| <b>Dimensions</b>            | 4.65" x 4.65" x 1.29"         |
| <b>Weight</b>                | 0.66 lbs. / 0.3 kg            |
| <b>Mounting</b>              | 12 through holes x .200" dia. |