

# FPA17-16RL/1096



## Directional Antenna

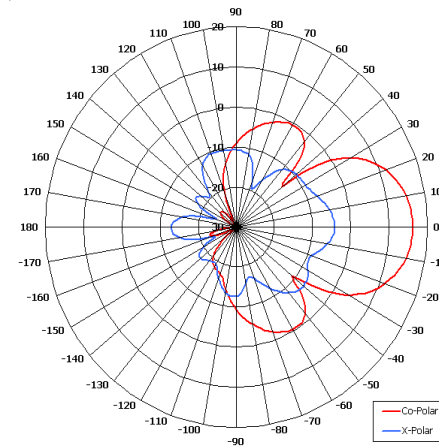
The most important thing we build is trust

Designed for Inmarsat Satellite Network

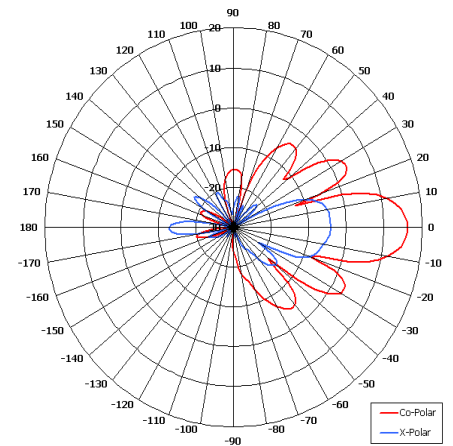
Dual Circular Polarisation

Low Profile

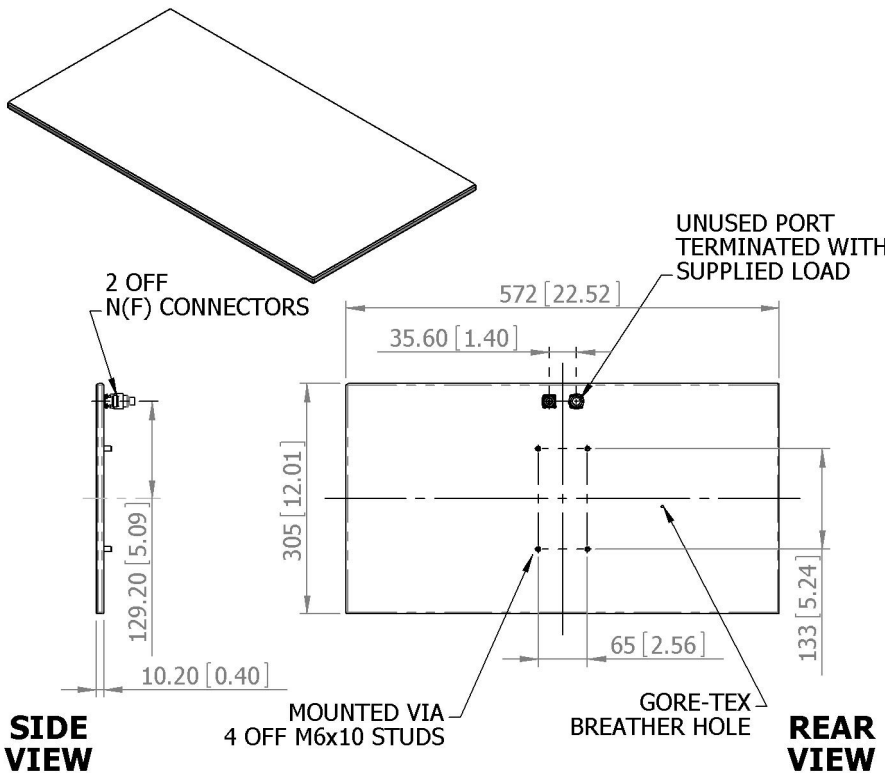
Suitable for Mobile Applications



Azimuth Pattern



Elevation Pattern



**SIDE VIEW**

**GA: 1096**

**REAR VIEW**

### ELECTRICAL

|                     |                                |
|---------------------|--------------------------------|
| Frequency           | 1.525 - 1.6605 GHz             |
| Peak Gain (LH Port) | 15.6 dBiC Rx, 15.9 dBiC Tx Min |
| Peak Gain (RH Port) | 15.7 dBiC Rx, 16.0 dBiC Tx Min |
| Polarisation        | Dual Circular, Right & Left    |
| Beamwidth           | 18° (Az) x 35° (El) Approx     |
| Axial Ratio         | 3 dB Worst Case on Boresight   |
| VSWR                | 2:1                            |
| Power Rating        | 10 W                           |
| Front to Back       | 19 dB Min                      |

### MECHANICAL

|                 |   |
|-----------------|---|
| Standard Finish | Gloss White                                     |
| Mass            | 1.3 Kg (2.9 lbs)                                |
| Temperature     | -50° to +55°C Operating<br>-50 to +80°C Storage |

### MOUNTING OPTIONS

|                |                 |
|----------------|-----------------|
| Kits Available | 056A, 058, 066A |
|----------------|-----------------|

See separate data sheets

### ADDITIONAL NOTES

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