

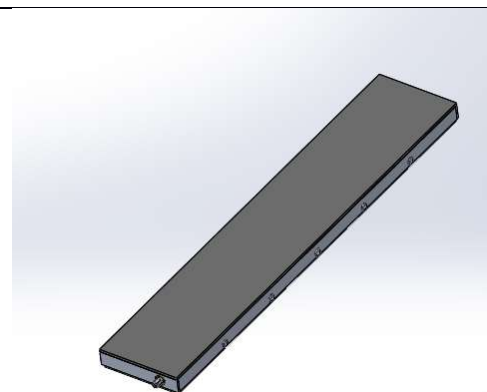
## Características Elétricas

Electrical Features

## PS91505 TR-RFID-05

SP91505 TR-RFID

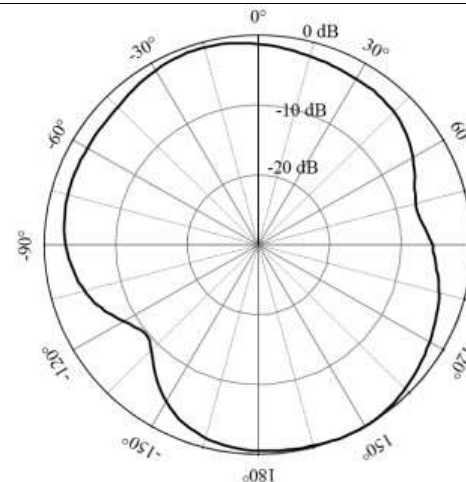
|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| Tipo<br>Type                            | Painel Setorial<br>Sector Antenna |
| Faixa de Frequência<br>Bandwidth        | 902-928 MHz<br>902-928 MHz        |
| Ganho Nominal<br>Nominal Gain           | 5 dBi<br>5 dBi                    |
| Impedância Nominal<br>Nominal Impedance | 50 Ohms<br>50 Ohms                |
| R.O.E.<br>V.S.W.R.                      | <1,5:1<br>< 1.5:1                 |
| Polarização<br>Polarization             | Linear<br>Linear Polarization     |



## Diagrama de irradiação @ 915 MHz Plano Horizontal

Horizontal Plane Radiation Pattern @ 915 MHz

|                                                                                            |                |
|--------------------------------------------------------------------------------------------|----------------|
| Feixe -3 dB @ 915 MHz – Plano Horizontal<br>-3 dB Beamwidth @ 925 MHz – Horizontal Plane   | 60°<br>60°     |
| Feixe -3 dB @ 915 MHz – Plano Vertical Plane<br>-3 dB Beamwidth @ 925 MHz – Vertical Plane | 120°<br>120°   |
| Potência Máxima de Entrada<br>Maximum Input Power                                          | 100 W<br>100 W |



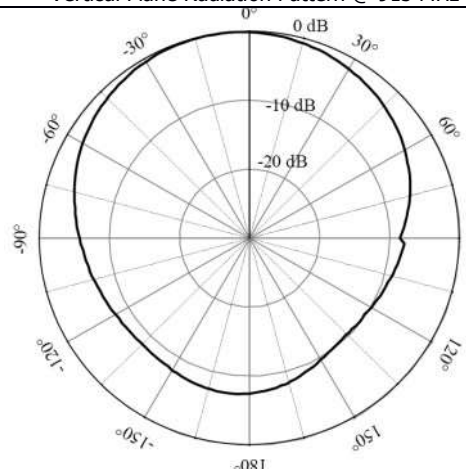
## Características Mecânicas

Mechanical Features

|                                                                 |                                       |
|-----------------------------------------------------------------|---------------------------------------|
| Conector<br>Connector Type                                      | SMA Fêmea Reto<br>SMA Female Straight |
| Peso                                                            | 0,7 Kg<br>0,7 Kg                      |
| Área Exposta ao Vento<br>Frontal Wind Area                      | 0,04m²<br>0.04 m²                     |
| Dimensões Máximas (C X L X A)<br>Maximum Dimensions (L X W X H) | 459 X 89 X 21 mm<br>459 X 89 X 21 mm  |
| Montagem<br>Assembly                                            | Plano<br>Plane                        |

## Diagrama de irradiação @ 915 MHz Plano Vertical

Vertical Plane Radiation Pattern @ 915 MHz



## Materiais Empregados

Employed Materials

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Estrutura  
Body

Chapa de alumínio  
.Aluminium sheets

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Suporte  
Mount

Chapa de alumínio  
.Aluminium sheets

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