2J6726B
(DATASHEET)

**Type**
Satellite mobile antenna

**Frequencies**
IRIDIUM (1.616 - 1.626 GHz)

**Mounting**
Body mount

**Revision**
00

Low Axial Ratio
Excellent performance at low orbit
Vandal proof applications IK09
IP69K and IP67 waterproof standard

**IRIDIUM CERTIFIED**

P. Tipul  D. Noble

Iridium certified
Doc. ID: RPT-05399-IR
1. SPECIFICATION

1.1. Electrical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequencies</td>
<td>IRIDIUM (1.616 - 1.626 GHz)</td>
</tr>
<tr>
<td>Impedance</td>
<td>50 Ohms</td>
</tr>
<tr>
<td>Polarization</td>
<td>RHCP</td>
</tr>
<tr>
<td>Gain</td>
<td>3 dBiC</td>
</tr>
<tr>
<td>Patch size</td>
<td>35 x 35 x 3 (mm)</td>
</tr>
<tr>
<td>VSWR</td>
<td>&lt;1.5:1</td>
</tr>
<tr>
<td>Operating temp.</td>
<td>-40°C to +85°C</td>
</tr>
<tr>
<td>Certificates</td>
<td>IP67, IP69K, IK09</td>
</tr>
</tbody>
</table>

1.2. Connection Specifications

- Connector type: SMA male
- Cable type: H155
- Cable length: 150cm

1.3. Mechanical Specifications and Dimensions

- Material: Lid: ABS HI-121 or ASA / Gasket: TPE / Base: Zamak
- Max. dimensions: 36.5mm x 77.3mm (H x D after mounting on groundplane)
- Colour: Black (for different colours please ask our sales team)
2. MEASUREMENT

Log Mag

Freq = 1.616GHz  Az= 45  EL = 45

Freq = 1.626GHz  Az= 45  EL = 45

Freq = 1.621GHz  Az= 45  EL = 45
3. PICTURES