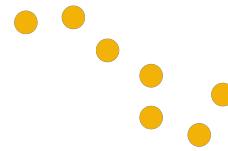




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## Iridium Portfolio

Iridium **NEXT**

...  
 **iridium®**



# Internal Antennas



## 2JCP3642601a

- ▶ Iridium only.
- ▶ 36x36x4mm Ceramic Body.
- ▶ Thru-Hole Mount.
- ▶ High Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Ground Plane Dependent.



## 2JCP2542601a

- ▶ Iridium Only
- ▶ 25x25x4mm Ceramic Body.
- ▶ Thru-Hole Mount.
- ▶ High Gain and Power.
- ▶ Lower Cost.
- ▶ Ground Plane Dependent.



## 2JCP2543301a

- ▶ Iridium and GPS Single Feed.
- ▶ 25x25x4mm Ceramic Body.
- ▶ Thru-Hole Mount.
- ▶ High Gain and Power.
- ▶ Lower Cost.
- ▶ Ground Plane Dependent.

# Internal Antennas



## Pulse W3227

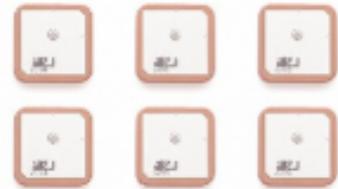
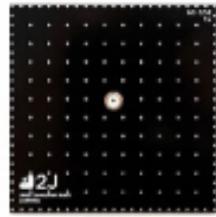
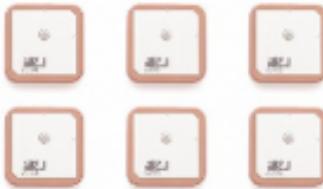
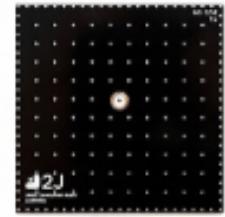
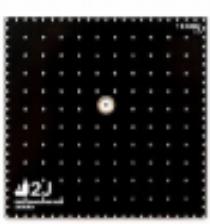
- ▶ Iridium/GPS
- ▶ 40x40x46.6mm Ceramic Body.
- ▶ GNSS Pin Mount.
- ▶ RHCP
- ▶ For Embedded Designs.
- ▶ Very Small Form Factor



## Pulse W3228

- ▶ Iridium only
- ▶ 25x25x4mm Ceramic Body.
- ▶ GNSS Pin Mount.
- ▶ RHCP
- ▶ For Embedded Designs
- ▶ Cardioid Pattern

# Internal Antenna Kits



## 2JDK0126a-A28

- ▶ Iridium only.
- ▶ 36x36x4mm Ceramic Body.
- ▶ Thru-Hole Mount.
- ▶ High Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Avoid lengthy customization.
- ▶ Free lab testing for patch selection.

## 2JDK0226a-A28

- ▶ Iridium only.
- ▶ 25x25x4mm Ceramic Body.
- ▶ Thru-Hole Mount.
- ▶ High Gain and Power.
- ▶ Lower Cost.
- ▶ Avoid lengthy customization.
- ▶ Free lab testing for patch selection.

## 2JDK0133a-A28

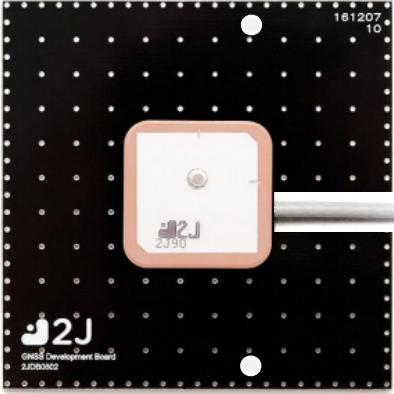
- ▶ Iridium and GPS Single Feed.
- ▶ 25x25x4mm Ceramic Body.
- ▶ Thru-Hole Mount.
- ▶ High Gain and Power.
- ▶ Lower Cost.
- ▶ Avoid lengthy customization.
- ▶ Free lab testing for patch selection.

# Internal Antennas



**2JP0126B**

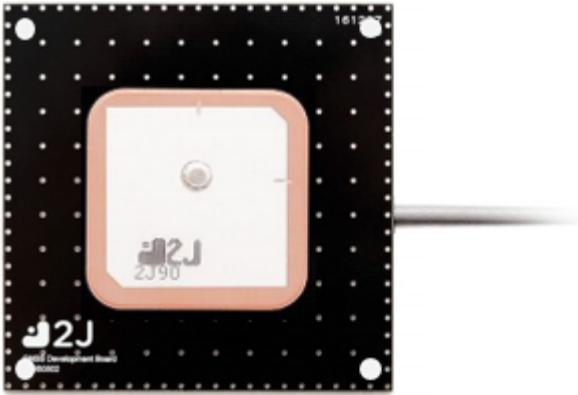
- ▶ Iridium Only.
- ▶ 36x36x4mm Ceramic Body.
- ▶ 70x70mm PCB ground plane.
- ▶ Cable soldered at PCB and different Connectors available.
- ▶ Screw Mount (Holes on PCB).
- ▶ High Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Ground Plane Independent.



**2JP0126Bz**

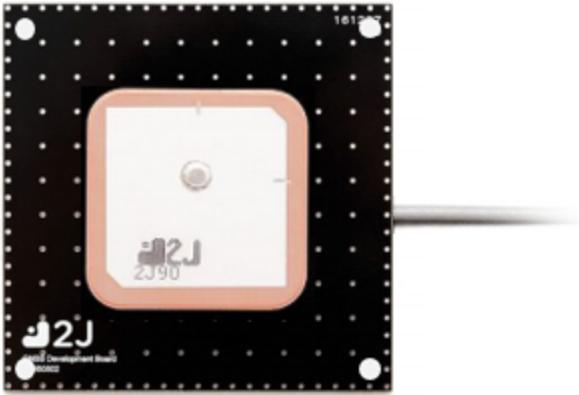
- ▶ Iridium Only.
- ▶ 25x25x4mm Ceramic Body.
- ▶ 70x70mm PCB ground plane.
- ▶ Cable soldered at PCB and different Connectors available.
- ▶ Screw Mount (Holes on PCB).
- ▶ High Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Ground Plane Independent.

# Internal Antennas



**2JP0226B**

- ▶ Iridium only.
- ▶ 25x25x4mm Ceramic Body.
- ▶ 40x40mm PCB ground plane.
- ▶ Cable soldered at PCB and different Connectors available.
- ▶ Screw Mount (Holes on PCB).
- ▶ High Gain and Power.
- ▶ Ground Plane Independent.



**2JP0333B**

- ▶ Iridium/GPS Single Feed.
- ▶ 36x36x4mm Ceramic Body.
- ▶ 40x40mm PCB ground plane.
- ▶ Cable soldered at PCB and different Connectors available.
- ▶ Screw Mount (Holes on PCB).
- ▶ High Gain and Power.
- ▶ Ground Plane Independent.

# Internal Antennas



## 2JP0133BGF

- ▶ Iridium and GPS/Glonass 2 cables.
- ▶ 36x36x4mm Ceramic Body.
- ▶ 75x45mm PCB ground plane.
- ▶ Cable soldered at PCB and different Connectors available.
- ▶ Screw Mount (Holes on PCB).
- ▶ Higher Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ GPS/Glonass, Pre-Filter, Low Noise, 28dB.
- ▶ Ground Plane Independent.



## 2JP0133BGFz

- ▶ Iridium and GPS/Glonass 2 cables
- ▶ 25x25x4mm Ceramic Body.
- ▶ 75x45mm PCB ground plane.
- ▶ Cable soldered at PCB and different Connectors available.
- ▶ Screw Mount (Holes on PCB).
- ▶ Higher Gain and Power.
- ▶ Lower Cost.
- ▶ GPS/Glonass, Pre-Filter, Low Noise, 28dB.
- ▶ Ground Plane Independent.

## NOTES:

- ▶ GPS/Glonass/BeiDou Available:
- ▶ 2JP0133BCF
- ▶ 2JP0133BCFz

# Internal Antennas



## Subtillo Solo 627i

- ▶ Iridium Voice, CSD & SBD.
- ▶ 80x3.2mm
- ▶ Ground Plane Independent
- ▶ Excellent Axial Ratio at low elevation
- ▶ SMA female connector
- ▶ Improved performance at low elevation angles.
- ▶ Bespoke Design Service Available



## Subtillo Mini 628i

- ▶ Iridium/GPS/Glonass
- ▶ 90x3.2mm.
- ▶ RHCPC
- ▶ Ground Plane Independent.
- ▶ RoHS Compliant
- ▶ UFL Connectors
- ▶ Bespoke Design Service Available

# Internal Antennas



## Topolino Embedded 626i

- ▶ Iridium Voice & SBD.
- ▶ Easily Embedded
- ▶ Ground Plane Independent
- ▶ 14x18mm HxD
- ▶ SMA or UFL Connectors
- ▶ Omnidirectional Pattern
- ▶ Good Axial Ratio on Azimuthal Plane



## Topolino M10 621i

- ▶ Iridium Voice & SBD
- ▶ Omnidirectional Pattern
- ▶ Excellent Axial Ratio at Low Elevation
- ▶ IP67 Protection
- ▶ RoHS Compliant
- ▶ SMA or UFL Connectors
- ▶ Bespoke Design Service Available

# External Antennas



## 2J6026P

- ▶ Iridium Only
- ▶ 80x76x15 mm Size
- ▶ Adhesive Mount
- ▶ Higher Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Low Loss Cable
- ▶ Different Connectors Available



## 2J6026M

- ▶ Iridium Only
- ▶ 80x76x13 mm Size
- ▶ Magnetic Mount
- ▶ Higher Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Low Loss Cable
- ▶ Different Connectors Available



## 2J6026B

- ▶ Iridium Only
- ▶ 80x76x15 mm Size
- ▶ Screw Mount
- ▶ Higher Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Low Loss Cable
- ▶ Different Connectors Available

# External Antennas



## 2J6033PGF

- ▶ Iridium and GPS/Glonass 2 cables
- ▶ 80x76x15 mm Size
- ▶ Adhesive Mount
- ▶ Higher Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Low Loss Cable
- ▶ Different Connectors Available



## 2J6033MGF

- ▶ Iridium and GPS/Glonass 2 cables
- ▶ 80x76x13 mm Size
- ▶ Magnetic Mount
- ▶ Higher Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Low Loss Cable
- ▶ Different Connectors Available



## 2J6033BGF

- ▶ Iridium and GPS/Glonass 2 cables
- ▶ 80x76x15 mm Size
- ▶ Screw Mount
- ▶ Higher Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Low Loss Cable
- ▶ Different Connectors Available

## NOTES:

- ▶ GPS/Glonass/BeiDou Available:
- ▶ 2JP6033PCF
- ▶ 2JP6033MCF
- ▶ 2JP6033BCF

# External Antennas



## Puck 571 IGC

- ▶ Iridium/GPS/Cell
- ▶ Screw Mount
- ▶ 110x20mm
- ▶ SMA Male Connector.
- ▶ Available with 3 & 5M Cables
- ▶ Watertight Radome
- ▶ Internal O-Ring. Optional Coarse Mounting Thread and nut. Gasket

## Puck 571 IG

- ▶ Iridium/GPS
- ▶ Screw Mount
- ▶ 110x20mm
- ▶ SMA Male Connector.
- ▶ Available with 3 & 5M Cables
- ▶ Watertight Radome
- ▶ Internal O-Ring. Optional Coarse Mounting Thread and nut. Gasket

# External Antennas



## Puck 571 SOLO

- ▶ Iridium Only
- ▶ Screw Mount
- ▶ 110x20mm
- ▶ SMA Male Connector.
- ▶ Available with 3 & 5M Cables
- ▶ Watertight Radome
- ▶ Internal O-Ring. Optional Coarse Mounting Thread and nut. Gasket



## Topolino SMA 625i

- ▶ Iridium Voice & SBD
- ▶ Omnidirectional Pattern
- ▶ 18x48mm
- ▶ SMA Male Connector.
- ▶ IP67 Protection
- ▶ Excellent Axial Ratio at Low Elevation

# External Antennas



## 2J6533MGF

- ▶ Iridium and GPS/Glonass 2 cables
- ▶ 135x135x30 mm Size
- ▶ Magnetic Mount
- ▶ Higher Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Low Loss Cable
- ▶ Different Connectors Available



## 2J6552MGF

- ▶ Iridium, 3G/2G, GPS/Glonass 3 cables
- ▶ 135x135x30 mm Size
- ▶ Magnetic Mount
- ▶ Higher Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Low Loss Cable
- ▶ Different Connectors Available

## NOTES:

- ▶ GPS/Glonass/BeiDou Available:
- ▶ 2JP6533MCF
- ▶ 2JP6552MCF

# External Antennas



## 2J6552BGF

- ▶ Iridium, 3G/2G and GPS/Glonass 3 cables
- ▶ 135x135x30 mm Size
- ▶ Screw Mount
- ▶ Higher Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Low Loss Cable
- ▶ Different Connectors Available



## 2J6551BGF

- ▶ Iridium, 3G/2G, GPS/Glonass and 2.4GHz 4 cables
- ▶ 135x135x30 mm Size
- ▶ Screw Mount
- ▶ Higher Gain and Power.
- ▶ Improved performance at low elevation angles.
- ▶ Low Loss Cable
- ▶ Different Connectors Available

## NOTES:

- ▶ GPS/Glonass/BeiDou Available:
- ▶ 2JP6533BCF
- ▶ 2JP6551BCF

# External Antennas



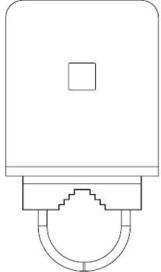
## 2J9126JBWz-B12JW-B10BW

- ▶ Iridium Only.
- ▶ 116x74x74mm Size
- ▶ Screw Mount and Pole Mount
- ▶ Low Loss Cable
- ▶ Different Connectors Available
- ▶ Can be inserted on UNF 1-1.4 mast as well (Mast Mount).
- ▶ Improved performance at low elevation angles.



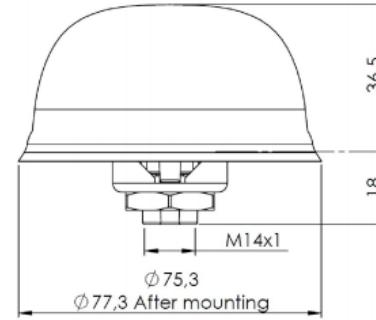
## 2J9026BW with 2JB0XJ

- ▶ Iridium Only.
- ▶ 74x74x33 mm Size
- ▶ Screw Mount
- ▶ Pole Mount (Optional Bracket)
- ▶ Low Loss Cable
- ▶ Different Connectors Available
- ▶ Improved performance at low elevation angles.

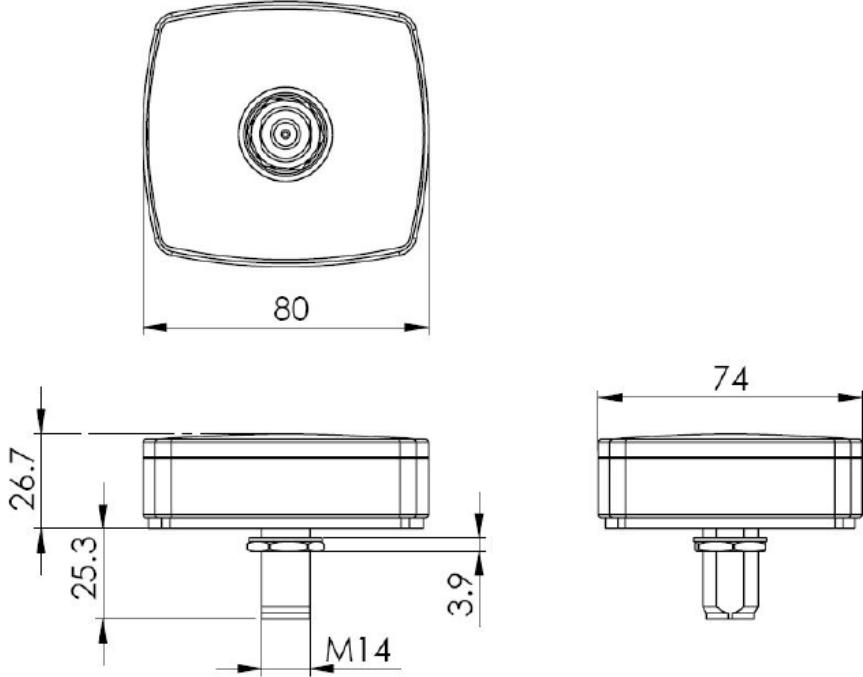


## 2J6726BW with 2JB03J

- ▶ Iridium Only.
- ▶ 77x77x36 mm Size
- ▶ Screw Mount
- ▶ Pole Mount (Optional Bracket)
- ▶ Low Loss Cable
- ▶ Different Connectors Available
- ▶ Improved performance at low elevation angles.



# External Antennas



*Under Development*

End of Q42018

## 2J6975BGF

- ▶ Iridium, LTE/4G/3G/2G and GPS/Glonass 3 Cables.
- ▶ 80x74x26 mm Size
- ▶ Screw Mount
- ▶ Low Loss Cable
- ▶ Different Connectors Available
- ▶ Improved performance at low elevation angles.
- ▶ Black or White available

## NOTES:

- ▶ GPS/Glonass/BeiDou Available:
- ▶ 2J6975BCF



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