

# **Kilichain**

**GNSS Choke Ring antenna**

**Stable and robust**

**BDS+GPS+Glonass+Galileo**

**3D Design**

**Stronger and more stable anti-interference  
performance**

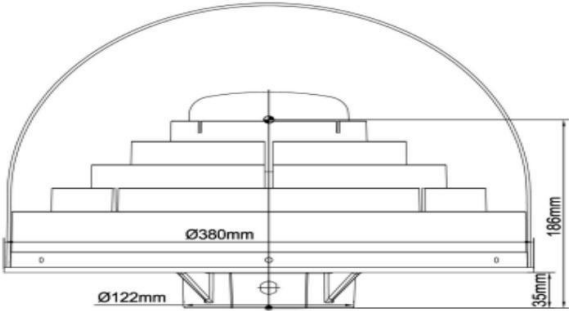


# **KAN2029**

Specifications

| Antenna                   |                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Frequency Range           | GPS L1/L2/L5<br>GLONASS G1/G2/G3<br>COMPASS B1/B2/B3/B1C/B2a/B2b<br>Galileo E1/E2/E5a/E5b/E6<br>L-Band<br>IRNSS L1/L5 |
| Polarization              | RHCP                                                                                                                  |
| Axial Ratio               | ≤3dB                                                                                                                  |
| V.S.W.R                   | ≤2.0                                                                                                                  |
| Peak Gain                 | ≥7dBi                                                                                                                 |
| Impedance                 | 50Ω                                                                                                                   |
| Horizontal Coverage Angle | 360°                                                                                                                  |
| Phase Center Error        | ±1.5mm                                                                                                                |
| LNA                       |                                                                                                                       |
| Gain                      | 45±2dB                                                                                                                |
| Noise Figure              | ≤2dB                                                                                                                  |
| Supply Voltage            | 3~16V DC                                                                                                              |
| Current Consumption       | ≤60mA                                                                                                                 |
| Passband fluctuation      | ±1.5dB                                                                                                                |
| P1dB                      | ≥0dBm                                                                                                                 |
| V.S.W.R                   | ≤2.0                                                                                                                  |

| Physicals             |                            |
|-----------------------|----------------------------|
| Connector             | TNC-K                      |
| Dimension             | Φ380*300mm                 |
| Mounting Method       | Screw                      |
| Radome Material       | ABS                        |
| Operating Temperature | -40℃~+85℃                  |
| Storage Temperature   | -55℃~+85℃                  |
| Relative Humidity     | Up to 95% (Non condensing) |
| Ingress Protection    | IP67                       |
| Dimension             |                            |



\*All specifications are subject to change without notice.

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