

# SealionS61

Ku- : 65

SealionS61 -

65 (25,59").

SealionS61

EIRP ACU  
46

10

3-



1.

2.

3.LNB

4.

5.

6.

Ku-

|                               |                              |
|-------------------------------|------------------------------|
| <b>Radome height</b>          | 85cm (33.46 inch)            |
| <b>Radome diameter</b>        | 75cm (29.5 inch)             |
| <b>Reflector diameter</b>     | 65cm (25.59 inch)            |
| <b>Radome color</b>           | White/Blue                   |
| <b>Radome material</b>        | ASA/ABS                      |
| <b>Weight</b>                 | 45kg (99 lbs)                |
| <b>Environmental humidity</b> | 0 ~ 95%                      |
| <b>Operating temp. range</b>  | -20°C ~ 70°C                 |
| <b>Waterproofing grade</b>    | IP56                         |
| <b>Satellite band</b>         | Ku-band                      |
| <b>Antenna type</b>           | Ring focus rear feed antenna |
| <b>ACU size</b>               | 260*180*45mm                 |

|                          |                                   |
|--------------------------|-----------------------------------|
| <b>Input frequency</b>   | 10700~13400MHz                    |
| <b>L.O. frequency</b>    | 10750±2MHz                        |
| <b>RX gain</b>           | 36.7dBi (12.5GHz)                 |
| <b>Power input</b>       | AC 100~240V                       |
| <b>Power output</b>      | DC 24V                            |
| <b>Static power</b>      | 35W                               |
| <b>Dynamic power</b>     | 45W                               |
| <b>Antenna interface</b> | 2-way/4-way English F-head female |
| <b>Polarization</b>      | Linear polarization               |
| <b>Min. EIRP</b>         | 46dBW                             |

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|                                      |  |
|--------------------------------------|--|
| <b>Stabilization forms</b>           | 3-axis stabilized: Azimuth, Elevation, Roll                    |
| <b>Tracking forms</b>                | 4-axis tracking: Azimuth, Elevation, Roll, Skew                |
| <b>Tracking &amp; location mode</b>  | Built-in inertial guidance & GPS                               |
| <b>AZ range/ tracking rate</b>       | 0°~680°/ ±8°@15S   |
| <b>EL range/ tracking rate</b>       | -10°~105°/ ±20°@5S   |
| <b>Roll range/ tracking rate</b>     | ±30°/ ±20°@5S  |
| <b>Skew range/ tracking rate</b>     | ±167.5°/ ±20°@5S   |
| <b>Initial lock</b>                  | ≤2Min  |
| <b>Re-lock after break lock time</b> | Break lock<1Min; Re-lock<1Min<br>Break lock≥1Min; Re-lock<2Min |
| <b>Tracking brake system</b>         | Azimuth, Elevation, Roll, Skew                                 |

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