

SealionA3 -

33 (13,0"),

EIRP

51

Chinasat 9. SealionA3



## Features

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<b>Radome height</b>	41.2cm (16.2 inch)
<b>Radome diameter</b>	38.6cm (15.2 inch)
<b>Reflector diameter</b>	33cm (13 inch )
<b>Radome color</b>	White
<b>Radome material</b>	ASA
<b>Weight</b>	5.0kg (11 lbs)
<b>Environmental humidity</b>	0 ~ 95%
<b>Operating temp. range</b>	-20℃ ~ 60℃
<b>Waterproofing grade</b>	IP56
<b>Satellite band</b>	Ku-band
<b>Antenna type</b>	Ring focus rear feed antenna
<b>ACU size</b>	160*160*45mm

<b>Input frequency</b>	11700~12900MHz
<b>L.O. frequency</b>	10750±2MHz
<b>RX gain</b>	31.6dBi
<b>Power input</b>	AC 110~240V
<b>Power output</b>	DC 24V
<b>Static power</b>	10W
<b>Dynamic power</b>	20W
<b>Antenna interface</b>	2-way English F-head female
<b>Polarization</b>	Circular polarization
<b>Min. EIRP</b>	51dBW

<b>Stabilization forms</b>	2-axis stabilized: Azimuth, Elevation
<b>Tracking forms</b>	2-axis tracking: Azimuth, Elevation
<b>AZ range/ tracking rate</b>	0°~680°/ ±20°@4S
<b>EL range/ tracking rate</b>	10°~90°/ ±20°@4S
<b>Initial lock</b>	≤1Min
<b>Re-lock after break lock time</b>	Break lock<1Min; Re-lock<1Min Break lock≥1Min; Re-lock<2Min
<b>Tracking brake system</b>	Azimuth, Elevation

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