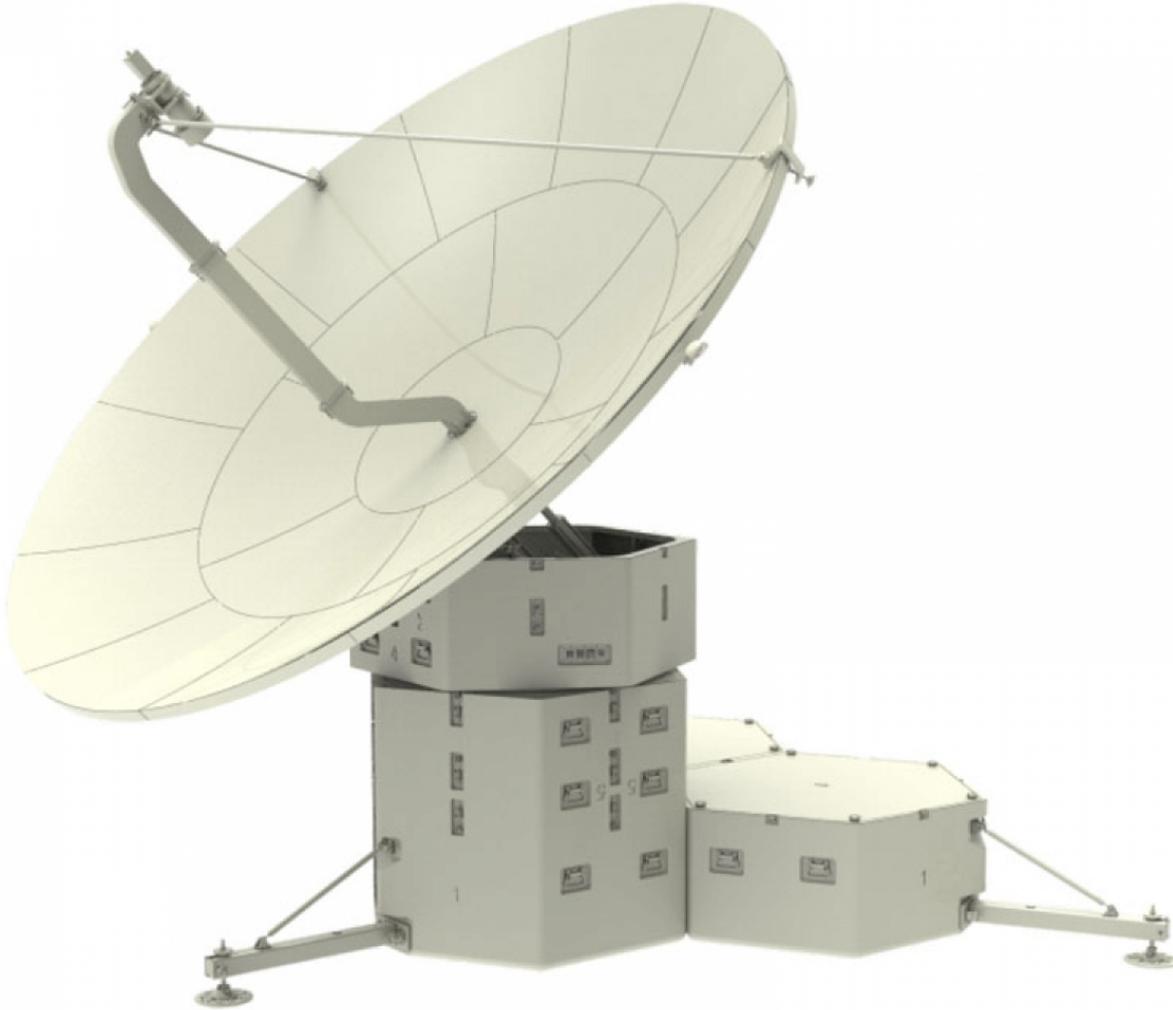


# 3.7m Ku band Automatic Transportable Antenna

Product Category : Automatic Transportable



## Product Parameters

<b>Antenna Category</b>	Automatic Transportable
<b>Antenna Aperture</b>	3.7m
<b>Antenna Type</b>	Feed Forward
<b>Polarization</b>	Linear
<b>Frequency (Rx)</b>	10.70-12.75GHz
<b>Frequency (Tx)</b>	13.75-14.50GHz

<b>Port isolation (Rx-Tx)</b>	$\geq 85$ dB
<b>Port isolation (Tx-Rx)</b>	$\geq 40$ dB
<b>Gain(Rx)</b>	$\geq 50.93 + 20\lg(f/12.25)$ dBi
<b>Gain(Tx)</b>	$\geq 52.24 + 20\lg(f/14.25)$ dBi
<b>VSWR(Rx)</b>	$\leq 1.5:1$
<b>VSWR(Tx)</b>	$\leq 1.5:1$
<b>Motion range (AZ)</b>	+180°(When EL is above 36°)
<b>Motion range (EL)</b>	10°~90°
<b>Motion range (POL)</b>	$\pm 90^\circ$
<b>AZ</b>	0.1~1°/s
<b>EL</b>	0.1~0.5°/s
<b>POL</b>	
<b>Initial acquisition time</b>	$\leq 3$ min
<b>Blockage recovery time</b>	$\leq 1$ min
<b>Power capacity</b>	$\leq 500$ W
<b>Operating Temperature</b>	-40°C ~ +60 °C
<b>Storage Temperature</b>	-55°C ~ +70 °C
<b>Humidity Requirement</b>	95%(20°C)
<b>Operating wind velocity</b>	13m/s
<b>Survival wind velocity</b>	20m/s
<b>Protection grade/IP Rating</b>	IP65
<b>Power supply</b>	90~264VAC,47Hz~63Hz
<b>power consumption</b>	$\leq 350$ W(No power amplifier)
<b>Material</b>	Carbon Fiber
<b>Remarks</b>	Optional Feed: L / S; 1.00GHz-18.00GHz;18.00GHz-40.00GHz

## Contact Us

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