

# 1.2m Maritime Antenna

Product Category : Iridium and Maritime Truraya



## Product Parameters

<b>Antenna Category</b>	Iridium and Maritime Truraya
<b>Antenna Aperture</b>	
<b>Antenna Type</b>	
<b>Polarization</b>	Circular
<b>Frequency (Rx)</b>	17.70-21.20GHz
<b>Frequency (Tx)</b>	29.00-31.00GHz
<b>Port isolation (Rx-Tx)</b>	

<b>Port isolation (Tx-Rx)</b>	
<b>Gain(Rx)</b>	$\geq 45.41 + 20\lg(f/20.00)\text{dBi}$
<b>Gain(Tx)</b>	$\geq 48.93 + 20\lg(f/30.00)\text{dBi}$
<b>VSWR(Rx)</b>	$\leq 1.35:1$
<b>VSWR(Tx)</b>	$\leq 1.35:1$
<b>Motion range (AZ)</b>	360° Continuous Unlimited Rotation
<b>Motion range (EL)</b>	-15°~125°
<b>Motion range (POL)</b>	Pol:0°~180°Roll:-30°~+30°
<b>AZ</b>	$\geq 80^\circ/s$
<b>EL</b>	$\geq 80^\circ/s$
<b>POL</b>	$\geq 60^\circ/s$
<b>Initial acquisition time</b>	
<b>Blockage recovery time</b>	
<b>Power capacity</b>	
<b>Operating Temperature</b>	-40°C ~ +60 °C
<b>Storage Temperature</b>	-55°C ~ +70 °C
<b>Humidity Requirement</b>	
<b>Operating wind velocity</b>	
<b>Survival wind velocity</b>	
<b>Protection grade/IP Rating</b>	IP65
<b>Power supply</b>	90~264VAC,47Hz~63Hz
<b>power consumption</b>	
<b>Material</b>	Other Materials
<b>Remarks</b>	Tracking Angular Acceleration AZ $\square$ $\geq 200^\circ/s$ 2EL $\square$ $\geq 200^\circ/s$ 2Pol $\square$ $\geq 100^\circ/s$ Optional Feed:L/S/C/X/ku ; 1.00GHz $\square$ 18.00GHz; 18.00GHz $\square$ 40.00GHz

## Contact Us

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