

# 1.8m X band Automatic Transportable Antenna

Product Category : Automatic Transportable



# Product Parameters

<b>Antenna Category</b>	Automatic Transportable
<b>Antenna Aperture</b>	1.8m
<b>Antenna Type</b>	Feed back
<b>Polarization</b>	Linear
<b>Frequency (Rx)</b>	7.25-7.75GHz
<b>Frequency (Tx)</b>	7.90-8.40GHz
<b>Port isolation (Rx-Tx)</b>	≥ 85 dB
<b>Port isolation (Tx-Rx)</b>	≥ 40 dB
<b>Gain(Rx)</b>	≥40.41+20lg(f/7.50)dBi
<b>Gain(Tx)</b>	≥41.13+20lg(f/8.15)dBi
<b>VSWR(Rx)</b>	≤1.5:1
<b>VSWR(Tx)</b>	≤1.5:1
<b>Motion range (AZ)</b>	±180°
<b>Motion range (EL)</b>	10°~90°
<b>Motion range (POL)</b>	±90°
<b>AZ</b>	0.1~3°/s
<b>EL</b>	0.1~3°/s
<b>POL</b>	
<b>Initial acquisition time</b>	≤3min
<b>Blockage recovery time</b>	≤1min
<b>Power capacity</b>	≤500W
<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>	≤350W(No power amplifier)
<b>Material</b>	Carbon Fiber
<b>Remarks</b>	Optional Feed:L/Setc. ,Optional box-type or tripod-type design

## Contact Us

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