

**OC-ANT-Ka17-21C4000****4.0 m Ka Band Dual-Reflector Automatically Moveable Antenna**

<b>Product name</b>	4.0m Ka band dual-reflector automatically moveable antenna			<b>Feed type</b>	Ring focus
<b>Model</b>	OC-ANT-Ka17-21C4000	<b>Diameter</b>	4.0m	<b>Pol. type</b>	Circular Pol.
<b>Frequency</b>	Rx.: 17.7~21.2GHz		<b>Gain value</b>	Rx.: $\geq 55.2+20\lg(f/19.45)$ dBi	
	Tx.: 27.5-31.0 GHz			Tx.: $\geq 58.7+20\lg(f/29.25)$ dBi	
<b>Port isolation</b>	Rx. to Tx.: $\geq 85$ dB (LNA input port)		<b>VSWR</b>	Rx.: $\leq 1.5$	
	Tx. to Rx.: $\geq 40$ dB (BUC output port)			Rx.: $\leq 1.5$	
<b>Axis ratio</b>	$\geq 2.0$ dB (On Axis)		<b>First side-lobe</b>	$\leq -14$ dB	
<b>Interface</b>	RF interface: WR42 and WR28		<b>Port</b>	2/4 ports	
	Mid- frequency: N-50K		<b>Antenna type</b>	Standard 19-inch 1U chassis	
<b>Travel range</b>	<b>AZ</b>	$\pm 110^\circ$	<b>Rotate speed</b>	<b>AZ</b>	$0.1^\circ \sim 3^\circ/s$
	<b>EL</b>	$0^\circ \sim 90^\circ$		<b>EL</b>	$0.1^\circ \sim 0.4^\circ/s$
<b>G/T Value</b>	$\geq 30.8$ dB/k				
<b>Aligning accuracy</b>	$\leq 0.3$ dB (R.M.S)		<b>Targeting</b>	Automatic positioning or manual input	
<b>Operation temperature</b>	$-25^\circ\text{C} \sim +55^\circ\text{C}$		<b>Operation wind speed</b>	$\leq 20$ m/s (Under press weight)	
<b>Storage temperature</b>	$-40^\circ\text{C} \sim +60^\circ\text{C}$		<b>Survival wind speed</b>	$\leq 35$ m/s (Under press weight)	
<b>Humidity</b>	$\leq 95\%$ ( $20^\circ\text{C}$ )		<b>Protection level</b>	IP65	
<b>Power supply</b>	240VAC $\pm 10\%$ , 50Hz		<b>System power consumption</b>	$\leq 4000$ W(Not include BUC under the condition of no wind )	
<b>BUC</b>	For an option		<b>LNB</b>	For an option	



**APMA**

## Product Display





**APMA**

