



## Ka-band Planar Array Antenna Data Sheet

## RM-PAA17731B

### Specifications

RM-PA17731B		
Parameters	Indicator requirements	Unit
Frequency Range	Transmission:27.5-31.0 Reception:17.7-21.2	GHz
Polarization	Circular(orthogona1-po1)	
Gain	Transmission : $\geq 40.0\text{dBi}+20\log(f/29.25\text{GHz})$ Receiving : $\geq 36.5\text{dBi}+20\log(f/19.45\text{GHz})$	dB
Axle ratio	$\leq 1.5$	
VSWR	$\leq 1.75$	
Port isolation	$\geq 55$	dB
Antenna Surface Thickness	20-25	mm
Weight	$\leq 3.0$	Kg
Surface Size	430×290(±5)	mm