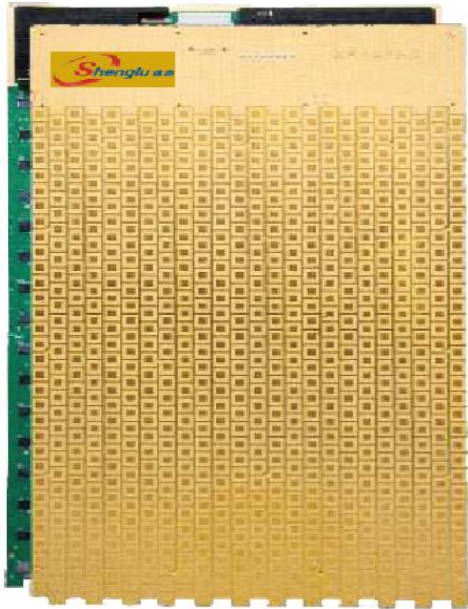




# Phased array antenna series product



## PRODUCT INTRODUCTION

Name: millimeter wave phased array antenna assembly

Series: SL-PhAA

Ku band 768-Element transmitter subarray		SL-PhAA-U768 T	
<b>Sub-array indicator parameters</b>			
<b>Frequency</b>	13.7GHz ~14.5GHz	<b>Beam sweep</b>	Azimuth Angle: 0°~360°, Off-axis Angle: 0°~60°
<b>The first sidelobe</b>	-12dB @0°	<b>Polarization</b>	LHCP/RHCP, or linear polarization
<b>Number of channels</b>	768	<b>Cross-polarization</b>	≤-30dB@0°, ≤-25dB @60°
<b>EIRP</b>	41dBw@0°, 37dBw@60°	<b>Beam width</b>	5°@0°
<b>Interface characteristic</b>			
<b>RF interface</b>	SSMA/SMP-JHD41-F	<b>Control interface</b>	J30JHK5-15ZKWP7-J
<b>Physical dimensions and electrical characteristics</b>			
<b>Apparent dimension</b>	416mm×240mm×13.8mm	<b>Input voltage</b>	DC+12V(11V~13V)
<b>Weight</b>	1.1Kg	<b>Power consumption</b>	≤160W
<b>Environmental index</b>			
<b>Working temperature</b>	-40°C~+70°C	<b>Storage temperature</b>	-55°C~+85°C