

**CKZ-GPSK**
**Applications**

CKZ-GPSK perforation seat is a built-in GPS antenna perforation seat specially designed for automotive mobile communication vehicle station antenna. It can be used for RP-SMA type male head platform mast. The perforated housing is made of ABS material with M18 mounting studs at the bottom. Suitable for car top or other metal surface drilling installation.

**Electrical Specifications**

Frequency Range (MHz)	0~1000@RF Port	GPS Port@1575.42±4
VSWR	≤1.2	≤2.0
Gain(dB)LNA	26@1575.42±4	
Polarization	Right-Handed Circular@1575.42±4	
Working current-mA	Typical 14mA@1575.42±4	
DC(V)	5~12@1575.42±4	
Noise factor(dB)	<2@1575.42±4	
Impedance(Ω)	50	
Maximum Input Power(W)	50@RF Port	/

**Mechanical Specifications**

Antenna Connector	RPSMA Female	/
Cable termination connector	SMA Female (customization)	SMA Female (customization)
Cable type and length	SYV-50-2 (customization) length 0.5m	SYV-50-2 (customization) length 0.5m
Connector Position	cable termination	
Size(mm)	80*58*38	
Weight(kg)	0.12 (Cable size and length vary with the weight)	
Colour	Black	
Ingress Protection	IP65 (Set up the antenna)	
Operating Temperature(°C)	-40~65	
Relative Humidity(%)	5~95	
Applications	Indoor or Outdoor	
Mounting	Perforation mounted on metal panel or car top (mounting hole diameter φ18mm)	

**Product Pictures**

**Installation Sketch**
