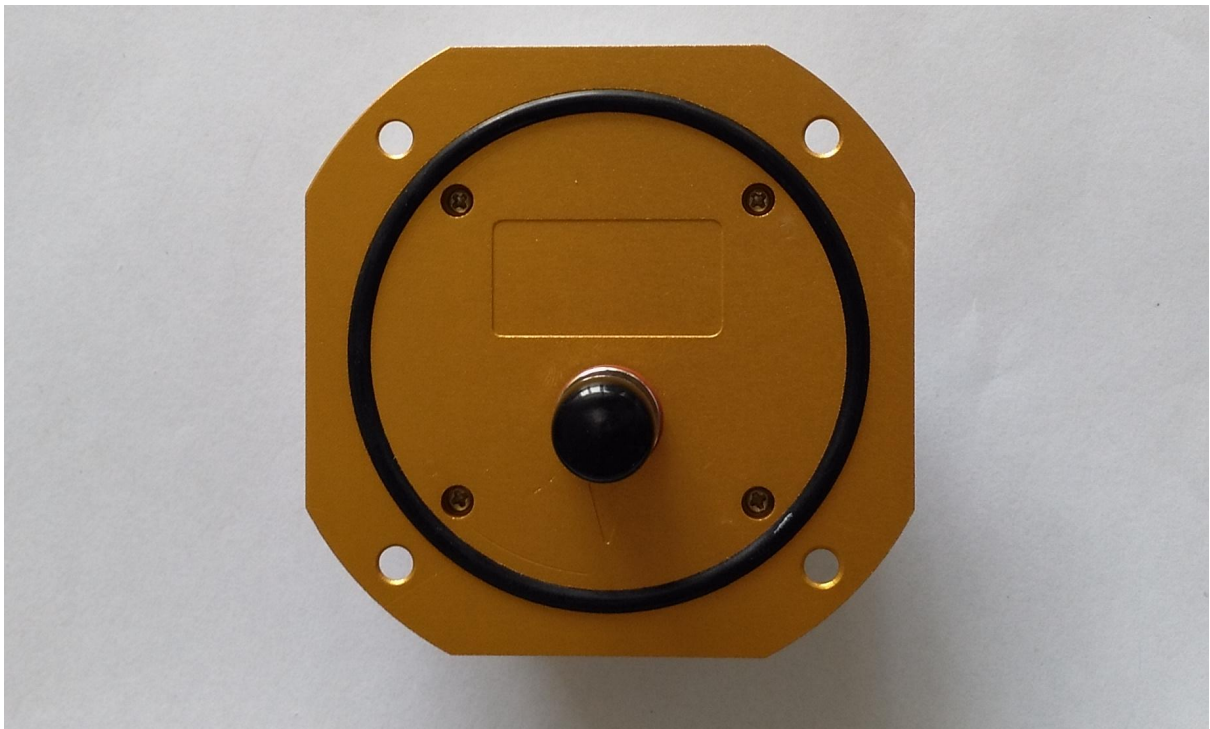
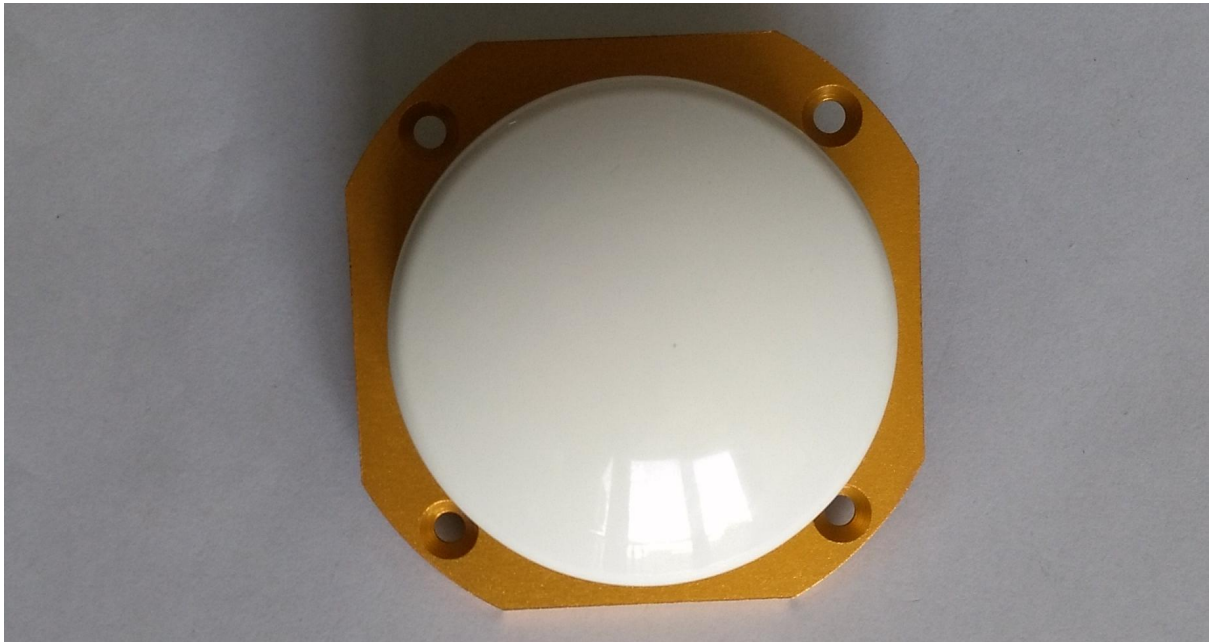




Jinchang Electron Global Service

GNSS Aeria Antenna **JCA234**



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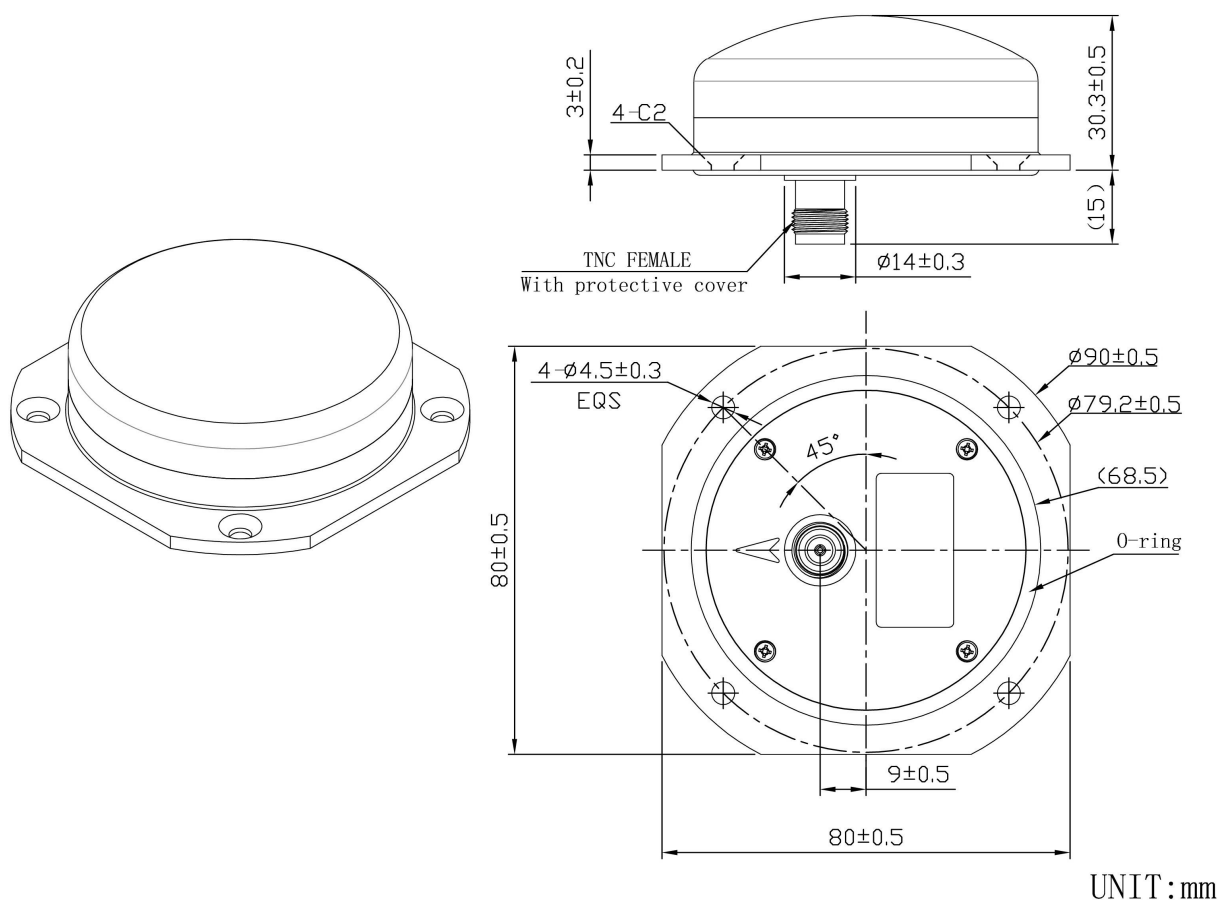
Add: 398#,Zhenye Road, Nanhu District, Jiaxing, Zhejiang, China

Http:// www.jinchanggps.com

E-mail:jcgps@vip.163.com

Tel: 86-0573-83692157/83692605/83958637 Fax:86-0573-83958635

DIMENSIONS



SPECIFICATIONS

Item		Specifications
Antenna	Frequency Range	1559.052~1610MHz 1164~1239MHz
	Polarization	RHCP
	Axial Ratio	≤3dB(zenith)
	V.S.W.R	≤2.0
	Peak Gain	≥3dBic
	Impedance	50 Ω
	Horizontal Coverage Angle	360°
	Vertical Coverage Angle	5° ~90°

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LNA	Gain	B1/L1/G1/E1/E2: $40 \pm 2\text{dB}$ B2/L2/L5/E5a/E5b: $42 \pm 2\text{dB}$
	Noise Figure	$\leq 1.5\text{dB}$
	Passband Fluctuation	$\pm 1.5\text{dB}$
	Supply Voltage	3.3~12V DC
	Current Consumption	$\leq 50\text{mA}$
	V.S.W.R	≤ 2.0
Mechanical	Connector	TNC-K
	Dimension	$\Phi 90\text{ mm}$
	Weight	$\approx 150\text{g}$
	Mounting Method	Screw
Environmental	Operating Temperature	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
	Storage temperature	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
	Relative Humidity	Up to 95% (Non condensing)
	Ingress Protection	IP67

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