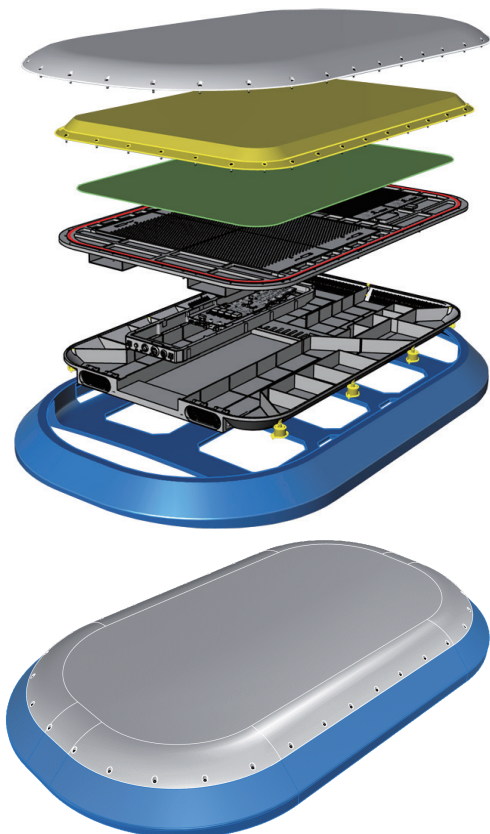
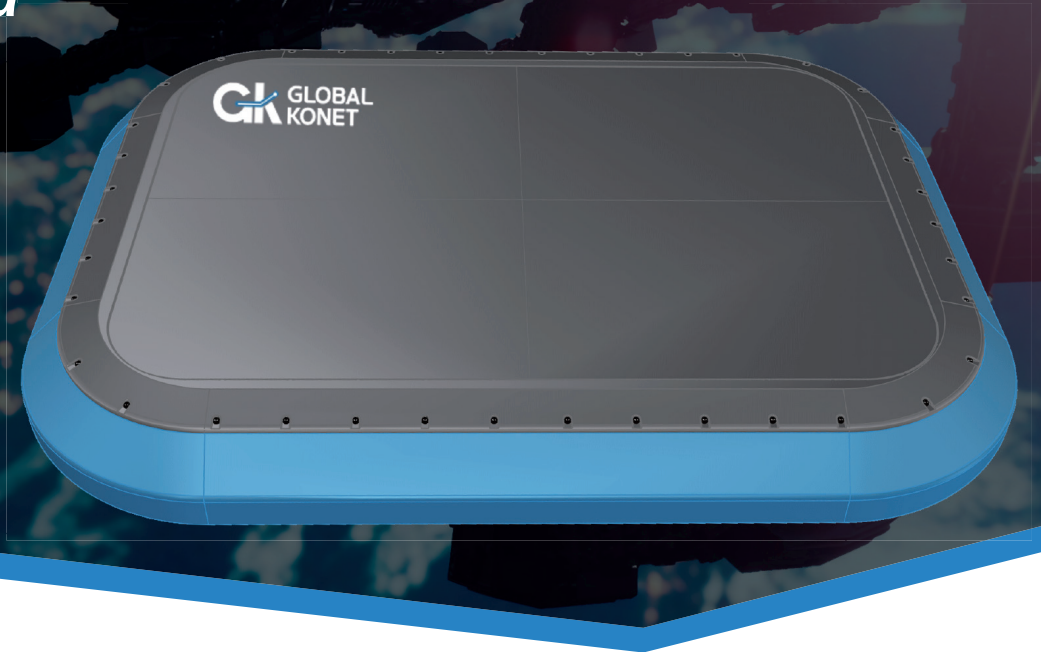


OTM Phased Array Antenna

Aero GA702

Ka Band Antenna



Main Features



Anywhere

Konet ESA antenna communication services ensure communication without space and time constraints.



Aviation certification

KONET Aero GA702 satisfies the temperature, vibration, and environmental conditions of MIL-810 and MIL-461 for aircraft



Strong Durability

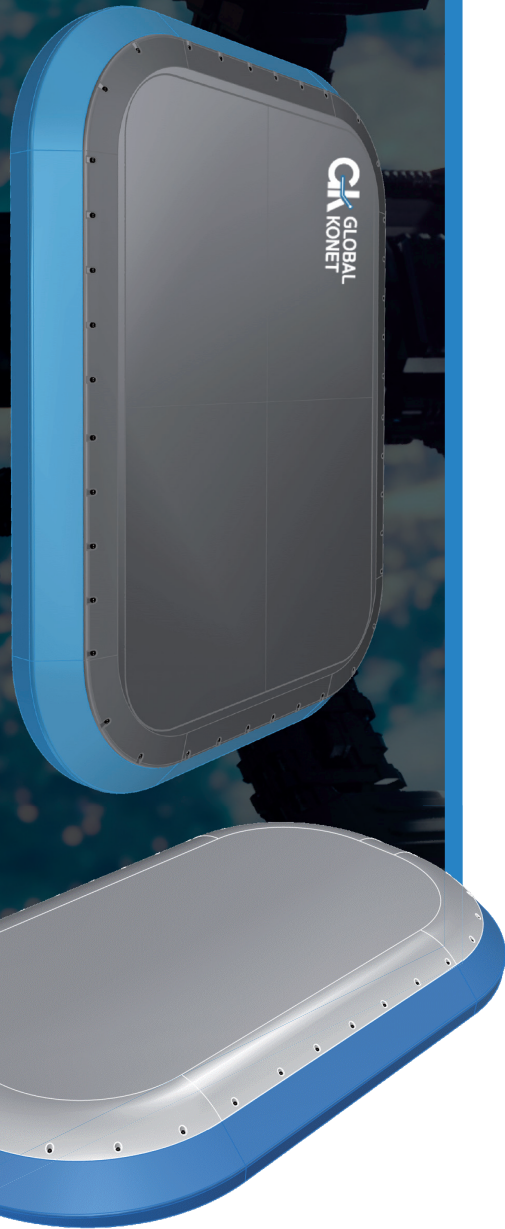
It is light but has a hard composition and design, so it is highly shock and waterproof.



Easy and Convenient

It has light weight and easy installation, so it is convenient to operate.

OTM Phased Array Antenna Aero GA702 Ka Band Antenna



Ka Band OTM User Terminal

Model Name	Aero GA702
Operating Frequency Range	TX: 27.2 - 31GHz RX: 17.5 - 21GHz
Scanning Range	Azimuth : 0° ~ 360° off axis : 0° ~ 60°
EIRP (typical)	≥52dBW@0°
G/T(typical)	≥13 dB/K@0°
Modem	In-built Option
Polarization	Circular LHCP/RHCP Pol (switchable)
Cross Polarization	≤100db@90°
Beacon Tracking Receiver	Supports Carrier tracking
Satellite Tracking	OPEN AMIP Support
Initial static satellite acquisition time	≤30 sec
Re-Acquisition After Disconnection	Block time≤5min, <5sec Block time>5min, <10sec

Interface Features

Interface	Tx SMA port, Rx SMA port, DC port, Lan Port
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Physical Dimensions

Size (W x D x H)	1500mm x 900 x 150mm
Weight	≤50kg

Power Supply Requirement

Rated Voltage	28V
Power Consumption	≤580W

Environment Parameters

Operating Environment Temp	-40°C ~ +65°C
Storage Temp	-55°C ~ +70°C

Frequency Converter Parameters

Freq Local Oscillator	Transmit: 27.6Ghz, Receive: 16.85/18.05Ghz
Manufacturer	GLOBAL KONET Co., Ltd.

