

2.4 Meter Vehicle-Mount / Drive Away SNG Antenna System

L, C, X(Military/WGS), Ka-Band Option

Description

Type: DH 2.4 Meter VM Ku-band Antenna

2.4 Meter Vehicle-Mount / Drive Away SNG Antenna System is a sleek, simple to operate auto-deploy VSAT terminal which can be mounted on the roof of a vehicle. It is suitable for the most demanding applications. Its reflector optics feature a long focal length for excellent cross-pol performance. All three motorized axes have very low backlash and work together seamlessly with sophisticated integral sensors and Controller to ensure excellent pointing accuracy.

Key Features

- 1-Piece 2.4m carbon fiber folding reflector.
- Carbon fiber reflector with light weight and strength
- Build-in DVB-S, DVB-S2, and CW beacon module,
- High accuracy GPS and strong anti-interference of electronic compass.

• Protection functions as automatic warning, mechanical and software limit.

- Sturdy boom accommodates outdoor units.
- L, C, X, Low Ku and Ka Band feed systems available.

RF & Antenna Specifications		
Ku-band Linear	Receive	Transmit
Frequency, GHz	10.7-12.75	13.75-14.5
Mid-Band Gain, dBi	47.72	48.81
VSWR	1.3:1	1.3:1
3dBBeam Width, deg	0.87	0.67
Noise Temperature		
20 Deg Elevation, K	61	
30 Deg Elevation, K	47	
Typical G/T @ 10 Deg, dB/K	26.5	
Tx Power Capability, W		400
Port to Port Isolation		
Tx> Rx Rejection, dB		85
Cross-pol on Axis, dB	35	35
Insertion Loss, dB	0.25	0.3
Radiation Pattern Compliance	FCC 25.209, ITU-RS.580-6,	
First sidelobe, dB	≤ -14	
Sidelobe Envelope	29 - 25 log (1 $^\circ \leqslant heta <$ 20 $^\circ $)	
Feed Interface	WR-75 CPR	



ANTENNA CONTROL DALT	2
- ins	

Option Frequency Range:		
L-Band	1.4-1.7GHz	
C-Band	3.4-4.2/5.85-6.725GHz	
X-Band	7.25-7.75/7.9-8.4GHz	
Low Ku-Band	10.75-11.45/12.75-13.25GHz	
Ka-Band	19.6-21.2/29.4-31.0GHz	
Mechanical Specifications		
Antenna Optics	Gregory Dual Offset	
Refector Aperture	2.4 Meters (7.8Feet)	
Refector Material	Carbon Fiber	
Surface Accuracy (RMS)	0.35 mm	
Elevation Travel	5° to 90 ° Continuous,	
Azimuth Travel	\pm 170° Continuous,	
Pol. Travel	\pm 95°Continuous, Self	
	Locking,	
AZ/EL/POLAxes	0.1°/S-5°/S	
Velocities	0.1/3	
Power Supply	AC110 \sim 230V 50/60Hz	
Controller Parameter	2U standard cabinet	
Power Consumption	≤2KW	

Phone: +86 (29) 8881 0979



sales@dolphmicrowave.com - www.dolphmicrowave.com Designed and made in China



Superior than 1/5 half beam-width		
1 Case, Seaworthy packing ISPM		
3620*2720*800mm		
380Kg (without BUC)		
Environmental Performance		
47km/h (29mph)		
198km/h((123mph) in stow		
-40° C to +55° C		
IP65(Dust and Water Resistant)		
0-98%		
Packing List		
1 pcs		
1 set		
1 pcs		
1 pcs		
1 set		

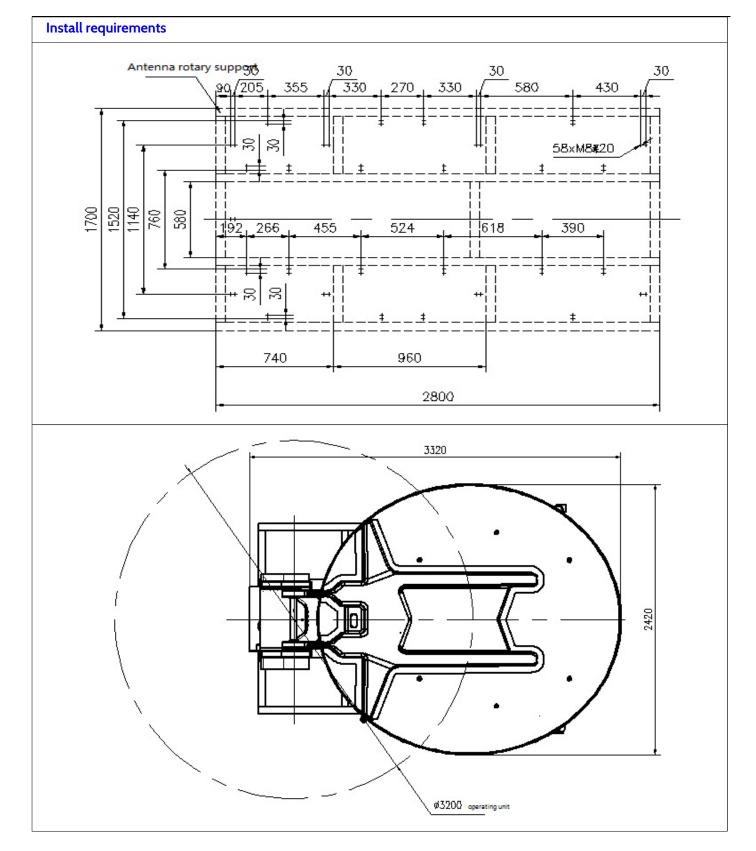
Case Pictrue





Phone: +86 (29) 8881 0979 sales@dolphmicrowave.com - www.dolphmicrowave.com Designed and made in China







Phone: +86 (29) 8881 0979 sales@dolphmicrowave.com - www.dolphmicrowave.com Designed and made in China