



Probecom Microwave Technology Co.,Ltd



Features :

The antenna is shaped and assembled by two pieces of fiber glass panels, with characteristics of large rigidity, light weight, high precision of profile.

Stable and portable tripod structure to meet the needs of a variety of terrain.

Fast and convenient assembly within 3 minutes, ensure timely communication link.

Extended Ku-band coverage to meet the need of different regions.

Designed for suitcase and packsack, easily carry and transport.

TECHNICAL SPECIFICATIONS FOR 1.2M PORTABLE OFFSET-FEED ANTENNA

Specifications	Ku- receive	Ku- transmit
	1.2M	1.2M
Frequency(GHz)	10.7- 12.75	13.75- 14.5
Typical Gain(dB)	41.8	42.8
VSWR	1.5:1	1.3:1
Beam width: -3dB	1.4°	1.2°
Power Handing Capability		1KW/Port
Feed Insertion		WR-75
Feed Insertion Loss(dB)	0.25dB	0.25dB
Tx-Rx Isolation		80dB
Cross Polarization Isolation		≥30dB
Side Lobes		CCIR.508-4
MECHANICAL SPECIFICATIONS		
Weight	40kg	
material	Glass Steel	
Mounting time	Ten minutes (Two Persons)	
Drive mode	Manual Drive	
Azimuth Travel	-15°~15°Fine adjust	
Elevation travel	7°~85°	
Polarization Travel Rate	±90°	
Surface Accuracy (R.M.S)	0.4mm	
Ambient Temperature	-50°~+80°	
Relative Humidity	0%~100%	

