

0.98 METER KA BAND VSAT



Probecom's Ka band offset VSAT series antennas adopt advanced surface treatment technology, which makes the antennas have the advantages of corrosion resistance and long lifetime. The antennas' surface accuracy (R.M.S) is less than 0.3mm and support various Ka transceivers in the market. Probecom's Ka band offset VSAT antennas are cost-effective and suitable for a wide range of applications. Products' size ranges from 0.74m, 0.98m and 1.2m.

TECHANICAL SPECIFICATION

Specifications	Ka-Receive	Ka-Transmit
Frequency(GHz)	19.2-20.2	29.5-30
Typical Gain(dBi)	43.6dB@19.2GHz	47.4dB@29.5GHz
VSWR	1.3:1	1.3:1
Beam width: -3dB	1.07°	0.70°
Polarization	Circular	
Asix Ratio	1dB	
Power Handing Capability		100W
Feed Interface	WR42	WR28
Feed Insertion Loss(dB)	0.5dB	0.4dB
Tx/Rx Isolation	85dB	
First Side Lobe	-14dB	
Side Lobes	CCIR.580-4	

MECHANICAL SPECIFICATIONS

Type	Single Offset
Materials	Iron
Azimuth Travel	0°~360°
Elevation travel	5°~90°
Surface Accuracy (R.M.S)	0.3mm
Operational Wind Speed	76Km/h gusts to 97Km/h
Survival Wind Speed	200Km/h
Ambient Temperature	-30°~+60°
Relative Humidity	0%~100%