

1.2 Meter Antenna with 2 Port Ku band Linear Tx Rx Cross Pol Feed Assy



VKG-120KUL-TX



Your Trusted Source for Satellite Equipment

- **1.2m Ku-Band VSAT Antenna**
- **Tx/Rx Feed Assembly Included**
- **Bulk Shipped or Individually Boxed**
- **Fine Elevation and Azimuth Adjustment**

	RECEIVE	TRANSMIT
Frequency (GHz)	10.7 - 12.75	13.75 - 14.5
Antenna Gain (dBi) @midband	41.6	43.1
3 dB Beamwidth	1.6°	1.2°
Cross-Pol Isolation: w/in 1dB beam width	>25dB	>30dB
VSWR	1.5:1	1.3:1
Feed Interface	WR75 Cover Flange	WR75 Cover Flange
Sidelobe Envelope 100 λ / D° ≤ θ ≤ 7° 7° < θ ≤ 9.2° 9.2° < θ ≤ 48° θ > 48°	29 – 25 Log θ dBi 8 dBi 32 – 25 Log θ dBi -10 dBi (averaged)	29 – 25 Log θ dBi 8 dBi 32 – 25 Log θ dBi -10 dBi (averaged)

MECHANICAL SPECIFICATIONS	
Antenna Optics	Prime Focus Offset Feed
Reflector Material	Galvanized Steel Reflector
Mount Type	Elevation over Azimuth
Azimuth Alignment	0° - 360° Course and Fine Adjustment
Elevation Alignment	5° - 90° Continuous Fine Adjustment
Mast Pipe Size	73mm
ENVIRONMENTAL SPECIFICATIONS	
Operational Wind Loading	88km/hr (55mph)
Survival wind load	160 km/hr (100mph)
Operational Temperature	-40°C - +60°C
Humidity	0 - 100%

VSAT_VKG-120KUL-TX_REV006

Specifications are subject to change without notice

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