

## 1.2 Meter Ka Antenna with HNS Transceiver Bracket



VKG-120KA-HNS



*Your Trusted Source for Satellite Equipment*

- 1.2m Ka-Band VSAT Antenna
- Bulk Shipped or Individually Boxed
- Configured to support HNS Transceivers

SPECIFICATION	TX	RX
Frequency (GHz)	29.3 - 30.0	17.8 - 20.2
Ka-band Gain (dBi)	49.4 @ 29	45.5 @ 19.7
3 dB Beamwidth	0.6° Max	0.9° Max
Cross Polarization on Axis within 1dB Beamwidth	30 dB	25 dB
TX/RX Sidelobe Level	29-25 log θ dB	2° ≤ θ ≤ 7°
	8 dB	7° ≤ θ ≤ 9.2°
	32-25 log θ dB	9.2° ≤ θ ≤ 19.1°
	0 dB	19.1° ≤ θ ≤ 180°
MOUNTING		
Mounting Type	Pole Mount	
Adjustment Type	Az/EI Adjustable	
Material	Galvanized Steel	
Finish	Polyester Coating	
Color	Light Grey / Dark Grey	
Elevation Range	10° - 90°	
Azimuth Range	0-360°	
Pole Diameter Acceptable	73 mm	
ENVIRONMENT		
Operational Wind Loading	Rx: < 0.25 dB	Tx: < 0.5 dB @ 35 mph
Ambient Temperature	-40°C ~ +60°C	
Relative Humidity	0~100%	

VSAT\_VKG-120KA-HNS\_REV002

Specifications are subject to change without notice

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