

# 75cm Ka Antenna with HNS Transceiver Bracket



Your Trusted Source for Satellite Equipment



VKG-075KA-HNS

- 75cm 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)	45.8 @ 29.5	41.9 @ 19.7
3 dB Beamwidth	0.8° Max	1.5° 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/El Adjustable	
Material	Galvanized Steel	
Finish	Polyester Coating	
Color	Light Grey / Dark Grey	
Elevation Range	5° - 90°	
Azimuth Range	0-360°	
Pole Diameter Acceptable	60 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-075KA-HNS\_REV003

Specifications are subject to change without notice

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