



PORTABLE VSAT RX/TX ANTENNA, 0.62/0.65 M FIBERGLASS REFLECTOR, KA-BAND, 18.2-22.4 GHZ RX / 28-32 GHZ TX

Portable Ka-band VSAT RX/TX antenna with 0.62/0.65 m fiberglass reflector, RX 18.2-22.4 GHz, TX 28-32 GHz, 40/44 or 39.6/43.5 dB gain, EL/AZ mount, 8-10 kg, for military SAT links.

Parameter	Value
Antenna Type	Portable VSAT RX/TX antenna for small satellite stations
Reflector Material	Fiberglass
Reflector Diameter	0.65 m / 0.62 m
Aperture	0.33 m ² / 0.30 m ²
Frequency Band	Ka-band
RX Frequency Range	18.2-22.4 GHz
TX Frequency Range	28.0-32.0 GHz
RX Gain	40.0 dB / 39.6 dB
TX Gain	44.0 dB / 43.5 dB
First Side Lobe Level	18 dB / 16 dB
G/T at 30° with MSP Noise Figure of 1.8 dB	14.6 dB/K / 14.2 dB/K
Cross-Polarization Isolation in the 1-dB Zone	-25 dB
F/D Ratio	0.7 / 0.75

Mounting Suspension	EL, AZ
Elevation Pointing Range	0-50°
Azimuth Pointing Range	150° (60+90)
Operating Wind Speed	20 m/s
Operating Temperature Range	-45 to +50 °C
Weight	10 kg / 8 kg

Taking into consideration that we (ROKS PrJSC) are developer and system integrator, also do not stop on our technical growth and improvement, know that the view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters listed on each device webpage.

Note! All details the customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each of our customers has a 1.5 year warranty and 7 year aftersales support for the whole range of our products.