

LSA-KUV90 V2



LSA-KuV90 v2 is Long Sector Antenna.

It has:

Light weight + Compact size + High gain

Radiation pattern of 90 degrees and V-polarization

Beam (H): 90°; Beam (V): 6°

Frequency range: 10.7-13.5 GHz

Gain: 18 dB

It is designed for Ku-band

LSA-KuV90 v2 is Ku-band long sector antenna which has radiation pattern of 90 degrees in horizontal plane and wide frequency range of 10700 – 13500 MHz.

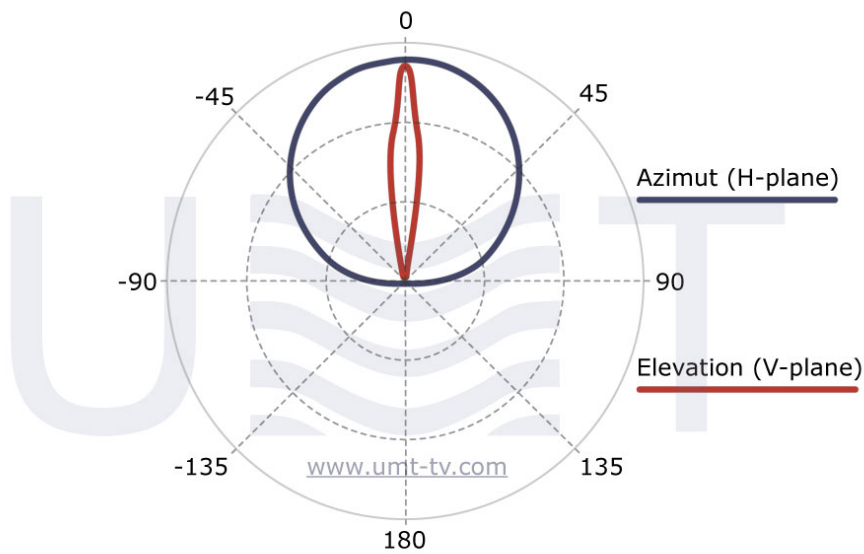
Key features:

- Reliable design
- Light weight
- Compact size
- High gain

Main functions:

- Transmit and receive Ku-band signals

- Applied as a part of broadcasting station, repeater, interactive microwave or video surveillance systems



Parameter	Value
Frequency range, GHz	10.7 – 13.5
Gain, dBi	18
VSWR	2
Polarization	vertical
Cross-polarization isolation, dB	25
HPBW:	
@horizontal	90°
@vertical	6°
Gain range in aperture, dB	±1
Temperature range, °C	-50 to +80
Humidity	100% where 25°C

Size, mm	820x60x300
Weight, kg	3.1
Directional diagram tuning, deg:	
Elevation angle	$\pm 20^\circ$ ($-20^\circ \dots 0^\circ$ or $0^\circ \dots +20^\circ$)
Azimuth	$\pm 360^\circ$ (around the pipe)
Mounting	Installation on the pipe diameter up to 45 mm
Input power, W	20
Body	Dust/moisture proof

Taking into consideration that we (UMT LLC) are developer and system integrator, also do not stop on our technical growth and improvement, know that 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 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 our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.*