# LSA-KUV90 V1



LSA-KuV90 v1 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

| 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** | ±30 |
| **Azimuth** | ±360 |
| **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.*