

## OLSAA-KUH2



OLSAA-KuH2 is Omni Long Sector Antenna Assembly

It is designed for Ku-band (full range!) with antenna aperture of 360° and linear polarization

Frequency range of 10.7-13.6 GHz

Beam (H): 360°; Beam (V): 12°

Gain: 10 dBi

The antenna assembly OLSAA-KuH2 is designed to cover a large circle area due to radiation pattern of 360°. It is commonly used in professional MVDS / MMDS TV broadcasting systems. Signals transmitted by OLSAA-KuH2 can be received by typical Ku-band satellite dishes and LNB.

### **Key features:**

- Omnidirectional: 360-degree radiation pattern
- Frequency range of 10.7-13.6 GHz
- Antennas of sector type
- Gain: 10 dBi
- Cross-polarization of 25 dB, not less
- Designed for Ku-band

### **Main functions:**

- Transmission of Ku-band signals
- Commonly applied as a part of TV broadcasting station and repeater

Parameter	Value
<b>Frequency range</b> , GHz	10.7-13.6
<b>Gain</b> , dBi, at least	10
<b>Gain variation in the aperture</b> , dB, not more	±2
<b>VSWR</b> , max	2
<b>Polarization</b>	Linear, horizontal
<b>Cross-polarization</b> , dB, not less	25
<b>HPBW:</b>	
<b>@horizontal</b>	360°
<b>@vertical</b>	12°
<b>Input power</b> , W, up to	20
<b>Waveguide</b>	WR-75 flange
<b>Operating temperature</b> , °C	-50 до +80
<b>Humidity</b>	100% @ 25°C
<b>Dimensions</b> (without clamps)	H 280 mm, L 1760 mm, W 65 mm
<b>Weight</b> , kg, not more	12
<b>Mount</b>	By order
<b>Casing material</b>	Hermetically sealed

*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.