



## Olsa-kuh2 v1



OLSA-KuH2 v1 - OMNI long sector assembly with two antennas LSA-KuH120. Gain: 10 dB, Beam (V): 12°

The antenna assembly is intended to cover the subscription of the cell in the form of a circle, and must be opened 360°. Nature of the terrain at the point of installation requires an adaptive tuning the radiation pattern in elevation and azimuth in both directions.

This assembly should, in some cases replace, and add in some previously defined double reflector antenna with OMNI. Expected impact - less susceptible to weather conditions due to significantly lower the work surface (be in view less buildup of snow, ice and salt dust), and the ability to adjust the pattern.

Parameter	Value
<b>Frequency range, GHz</b>	10.7-12.7
<b>Gain, dBi, at least</b>	10
<b>Gain variation in the aperture, dB, not more</b>	±2
<b>VSWR, max</b>	2
<b>Polarization</b>	Linear, horizontal
<b>Cross-polarization, dB, not less</b>	25
<b>HPBW:</b>	
<b>@horizontal</b>	360°
<b>@vertical</b>	12°
<b>Input power, W, to</b>	20
<b>Waveguide</b>	WR-75 flange
<b>Operating temperature, ° C</b>	-50 до +80
<b>Humidity</b>	100% @ 25°C
<b>Dimensions (without clamps)</b>	H 280 mm, L 1760 mm, W 65 mm
<b>Weight, kg, not more</b>	12
<b>Mount</b>	By order
<b>Casing material</b>	Hermetically sealed

Taking into consideration that we (ROKS PrJSC) 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.

