



## 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
Frequency range, GHz	10.7-12.7
Gain, dBi, at least	10
Gain variation in the aperture, dB, not more	±2
VSWR, max	2
Polarization	Linear, horizontal
Cross-polarization, dB, not less	25
HPBW:	
@horizontal	360°
@vertical	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