



COMPACT OMNIDIRECTIONAL ANTENNA 15.05-15.45 GHZ, LHCP, ≥ 4.5 DB, 16 W



Compact 15.05-15.45 GHz omnidirectional LHCP antenna with ≥ 4.5 dB gain, $VSWR \leq 1.8$, 16 W power, IP65 protection, and N or SMA female connector for UAV and ground robotic systems.

Parameter	Value
Operating Frequency Range	15.05-15.45 GHz
Polarization	LHCP (Left-Hand Circular Polarization)
Axial Ratio	≤ 3 dB
VSWR within the Operating Frequency Range	≤ 1.8
Gain within the Operating Frequency Range	≥ 4.5 dB
Maximum Radiated Power	16 W
Beamwidth in the Azimuth Plane	Omnidirectional
Beamwidth in the Elevation Plane	$\leq 50^\circ$
RF Connector Type	N or SMA (female)
Operating Temperature Range	-20 to +60 °C
Operating Relative Humidity at 25 °C	100%

Storage Temperature Range	-20 to +70 °C
Storage Relative Humidity	50%
Operating Atmospheric Pressure	700-790 mmHg
Moisture Protection	IP65

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