



HORN ANTENNA 55-200 4.8-5.9 GHZ, 18 DBI, RHCP CIRCULAR POLARIZATION, 1×SMA-FEMALE, 50 OHM



Horn Antenna 55-200 is a directional 4.8-5.9 GHz RHCP horn antenna for UAV/FPV video links, offering 18 dBi gain, SMA-Female connector, and wing-mount installation on aircraft.

Characteristic	Value
Antenna type	Horn, directional
Application	UAV/FPV video links, repeater (relay) use
Operating frequency range	4.8-5.9 GHz
Center frequency	5.35 GHz
Polarization	RHCP (right-hand circular); LHCP optional on request
Connector	SMA-Type female
Gain	18 dBi (at 4.9 GHz; frequency-dependent)
VSWR	1.5 (in operating band)
Front-to-back / back radiation level	< -40 dB
Input impedance	50 Ohm
Maximum power	50 W

–3 dB beamwidth (approx.)	~12° (H) × ~12° (V)
Material	Aluminum
Dimensions	300 × 300 × 250 mm
Weight	~180 g
Mounting	UAV wing mount

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.