

**MikroTik LHG XL 4Pack HP5 |
CPE | RBLHG-5HPnD-XL,
5GHZ, 1x RJ45 100Mb/s, 27dbi**



link to the product:
<https://www.batna24.com/gb/p/radio-lines/mikrotik-lhg-xl-4pack-hp5-cpe-rblhg-5hpnd-xl-5ghz-1x-rj45-100mb-s-27dbi>

Price: **1,347.82 zł** gross / 1,095.79 zł net



Manufacturer: MIKROTIK

Referention number: DNXXGIPJMRMMMJ

Product features

Height	245 mm
Input voltage	10 V
Mounting kit	Yes
Power consumption (max)	7 W
Networking standards	IEEE 802.11a
Antenna gain level (max)	27.5 gain
Flash memory	16 MB
Protection features	Shock resistant
Operating temperature (T-T)	-40 - 70 °C
Cabling technology	10/100Base-T(X)
Frequency band	5 GHz
Processor frequency	600 MHz
Internal memory	64 MB
Processor model	AR9344
Power source type	PoE
Built-in processor	Yes
Product colour	White
Horizontal beam width	6.4 °
Vertical beam width	6.4 °
Polarization	Dual polarization
Bandwidth note	5150 MHz
Diameter	550 mm

Full product description

LHG XL HP5 mesh antenna

MikroTik LHG XL HP5 is a very interesting engineering solution that includes a mesh antenna with an integrated access point. The **LHG XL HP5** antenna has twice the output power of the LHG 5, at up to 630 mW, and are designed to provide up to 60% more range.



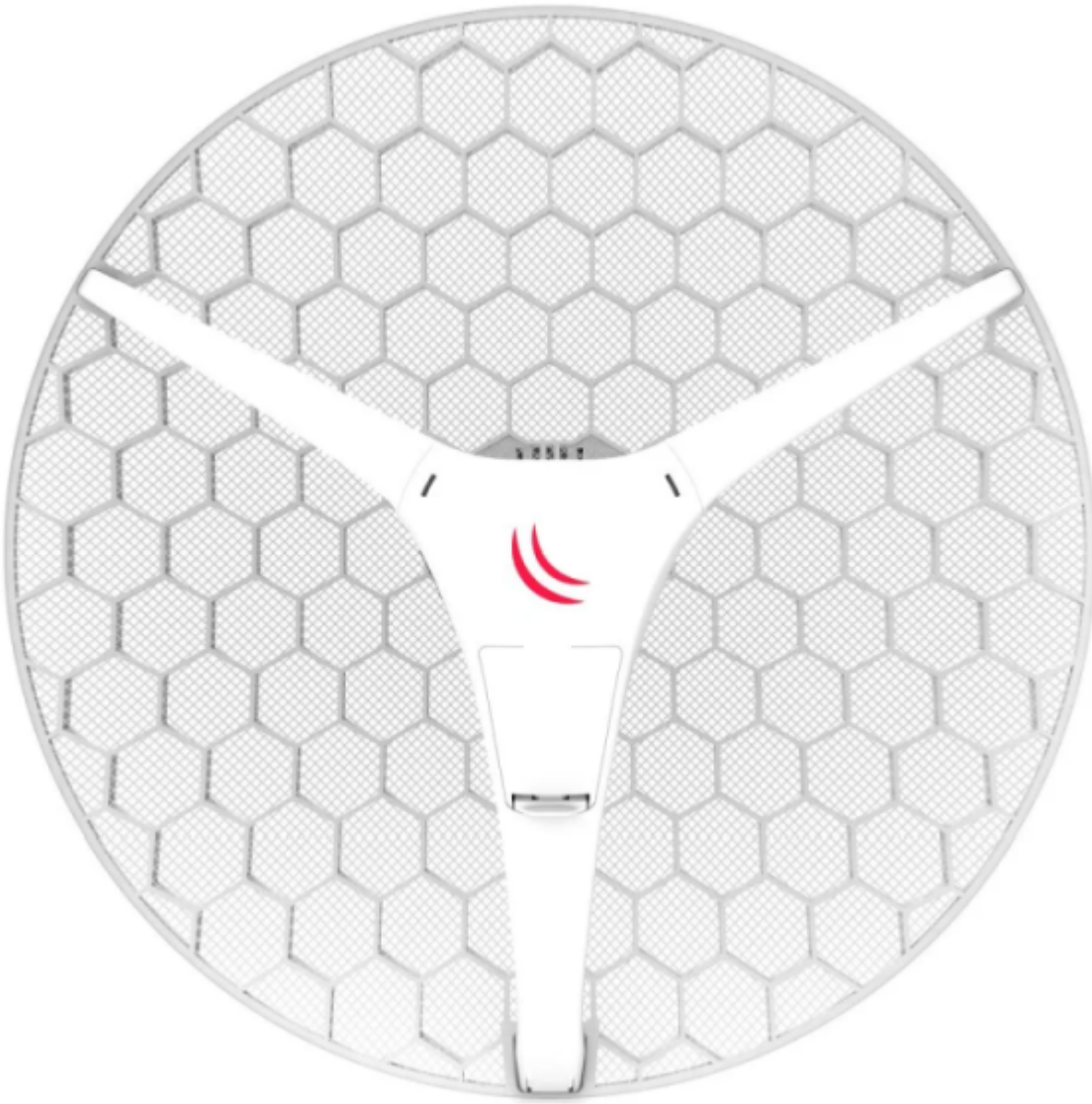
Technical characteristics

The **LHG XL HP5** has a large antenna with a diameter of 550mm and a gain of 27dBi. Depending on the operating frequency, this can vary within ± 0.5 dBi. The best performance is obtained at frequencies between 5.7 and 5.8 GHz. The circular shape is optimal for dual-polarized antennas, as it provides the same gain in horizontal and vertical polarization. The **LHG XL HP5** antenna is capable of providing point-to-point communications over distances of up to 40 km.



Unique design

Behind the mesh is a **honeycomb support structure**, made of special plastic and intended to provide overall rigidity to the reflector structure. The transmitter itself is located on top of the antenna and has 3 attachment points to the reflector, providing additional rigidity to the overall structure. This design provides a directivity angle of 6.4°. The weight of the complete structure does not exceed 0.945 kg.



Excellent design

MikroTik LHG XL HP5 uses a metal mesh reflector. This reflector is characterized by low weight and good resistance to strong winds, which makes it possible to create antennas of large size and high gain, without compromising the stability of the structure. The **wavelength** is directly related to the operating frequency, so the grid spacing is designed to effectively reflect radio waves while maintaining a lightweight structure.



Point-to-point connection

The LHG's high gain and narrow directivity make it an excellent choice for basic long-range wireless **point-to-point** bridges. Due to its design features, the **LHG XL HP5** dual-antenna bridge offers greater stability and speed over long distances.