

**LP-YAGI0512 520 to 560 MHz 12 dBi Yagi type Antenna.**

LPYAGI0512\_SS\_ENB01W

**Characteristics**

- 520 to 560 MHz UHF Band applications.
- 12 dBi Gain.
- High stability of physical parameters.
- Strong construction made of aluminum and ABS.
- All weather use.
- Long lasting life.
- 360 degrees horizontal and 30 degrees vertical tilt adjustment.
- Stainless Steel mounting hardware.
- Grounding for lightning protection.
- Female N type Connector.

**LP-YAGI0512  
520 to 560 MHz 12 dBi Yagi type Antenna.**

The Yagi Type Antenna systems for the 520 to 560 MHz UHF Band supplied by LanPro are built with anodized aluminum with the goal of delivering a superb service in extreme environmental conditions.

Manufacturing is performed with high precision CNC machinery equipment, giving parameter stability to the antennas in time. The pole mounting hardware is made with stainless steel.

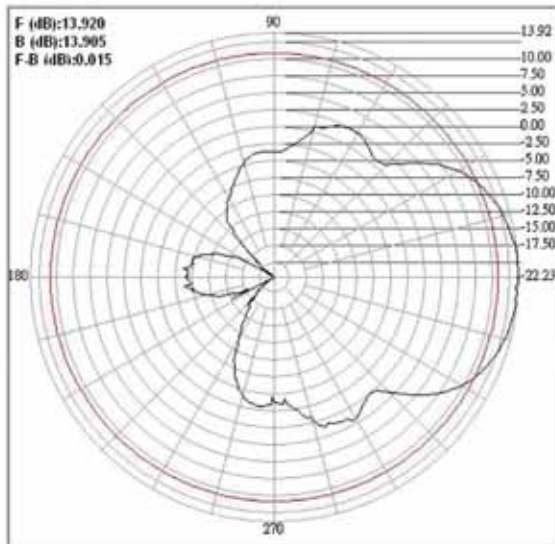
These antenna systems can be used in diverse high performance applications in the 520 to 560 MHz UHF band.

Technical Specifications	
Frequency range	520 to 560 MHz
Impedance	50 Ohm ±10%
VSWR	≤ 2.0
Gain	12 dBi
Polarization	Vertical
Power Handling	10 Watt
Beam Width	H: 51.7° / E: 44.8°
Connector	N Female
Operation Temperature	-30°C to +60°C
Material	Boom: Aluminum Mount: Stainless steel
Dimensions (L*W*H)	1036*20*301mm
Weight	850 ± 20g
Color	Silver gray 5C

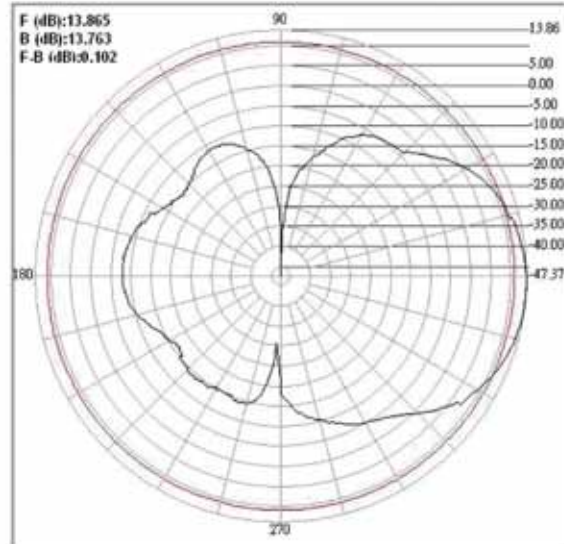
**A Antenna Pattern**

**LP-YAGI0512 Antenna Patterns**

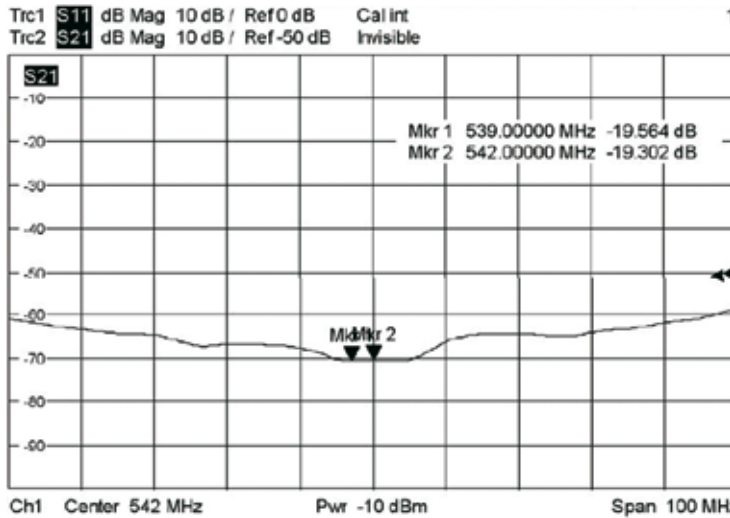
**H Plane**



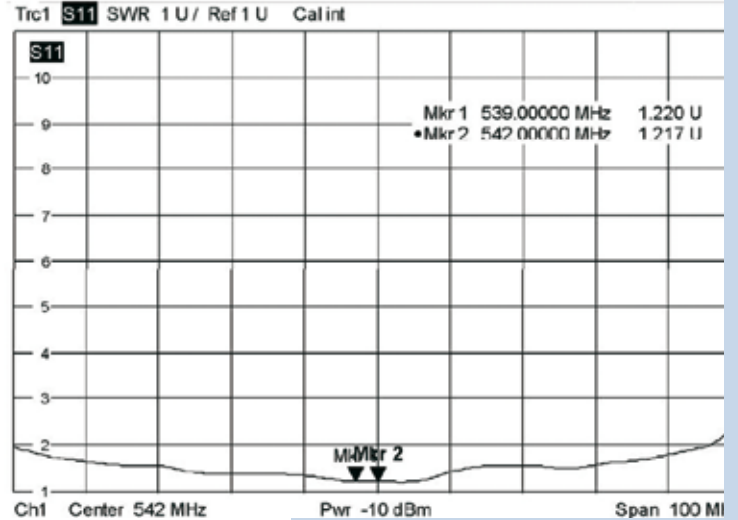
**E Plane**



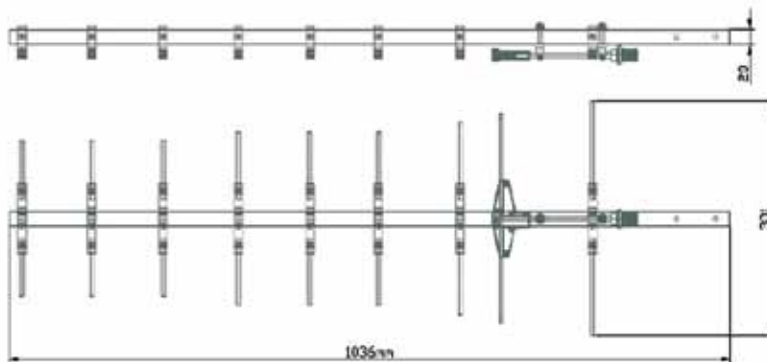
**LP-YAGI0512 Return Loss**



**LP-YAGI0512 SWR**



**B Physical Dimensions**



**C How to Order**

**LP-YAGI0512 520 to 560 MHz 12 dBi Yagi type Antenna.**