

UltraHorn™ TP 5-24

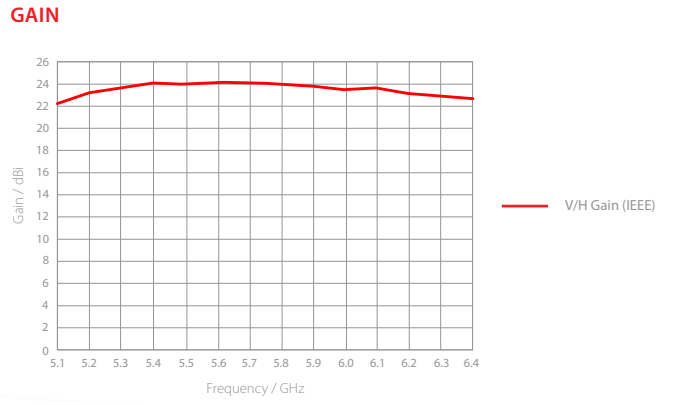
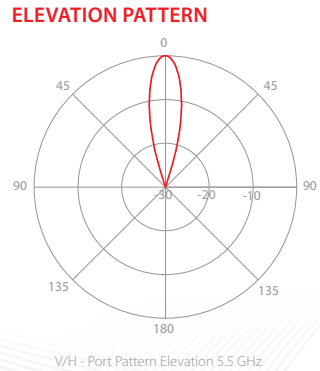
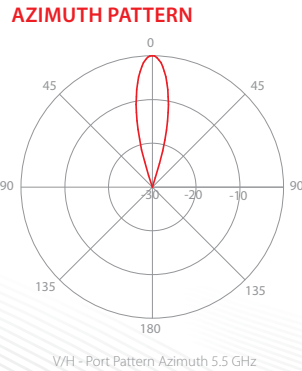
ULTIMATE NOISE-REJECTING DIRECTIONAL HORN ANTENNA WITH TWISTPORT CONNECTOR

The UltraHorn™ TP Antennas are high-gain, highly directional scalar horn antennas. They offer ultra noise rejection, lossless connection of radio and symmetrical beam with no side lobes. Absence of side lobes allows UltraHorn™ TP antennas to reject noise and create long links in environments with a high level of noise with unprecedented performance. No need to spend more money for radomes or shrouds. No extra costs for additional shielding. Just buy an appropriate TwistPort™ Adaptor to connect your radio and deploy. That's it!

All UltraHorn™ TP Antennas are equipped with a unique TwistPort™, our patent-pending wave guide connector. TwistPort™ connectors are virtually lossless and a revolutionary leap forward in wireless system scalability and convenience of deployment. UltraHorn™ TP Antennas support a wide range of third party radios from mainstream vendors with our TwistPort™ Adaptors.



TECHNICAL DATA		PRODUCT DIMENSIONS	
Antenna Connection	TwistPort™ - Quick Locking Waveguide Port		
Antenna Type	Horn		
Materials	UV Resistant ABS Plastic, Polycarbonate, Polypropylene, Aluminium, Stainless Steel		
Environmental	IP55		
Pole Mounting Diameter	30-80 mm (we recommend as close to 80mm as possible)		
Temperature	-30°C to +55°C (-22°F to +131°F)		
Wind Survival	160 km/hour		
Wind Loading	197 N at 160 km/hour		
Mechanical Adjustment	± 25° Elevation, ± 25° Azimuth		
Weight	8.2 Kg / 18 lbs – single unit 9.2 Kg / 20 lbs – single unit incl. package		
Single Unit	Retail Box: 550 x 550 x 660 mm / 21.6 x 21.6 x 26 inch		
PERFORMANCE			
Frequency Range	5180 - 6400 MHz		
Gain	24 dBi		
Azimuth/Elevation Beam Width -3 dB	H 11° / V 11°		
Azimuth/Elevation Beam Width -6 dB	H 16° / V 15°		
Beam Efficiency**	99%		
Polarization	Double Linear H+V		
Front-to-Back Ratio	40 dB		



**Beam efficiency defined up to first null