



## Pegasus TwistPort™ Series Radio

Vastly improve co-location performance and reduce noise.

### Benefits of Pegasus TwistPort



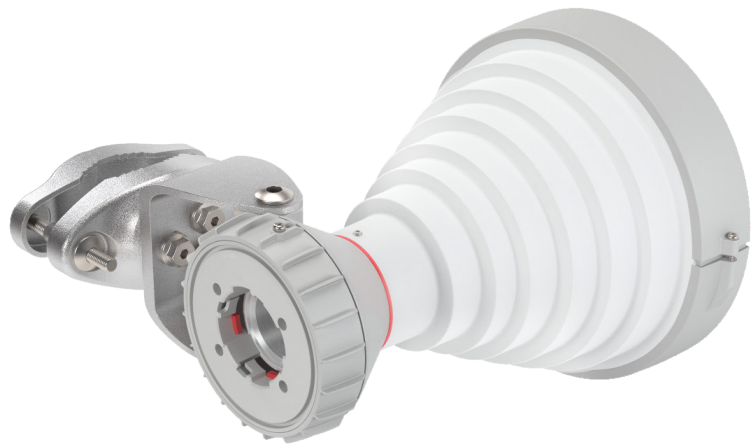
Excellent noise rejection and supreme scalability options



No coaxial RF connectors or cables that cause significant signal loss.



Wide range of TwistPort™ Adaptors, allows connection to most popular 3rd party radios.

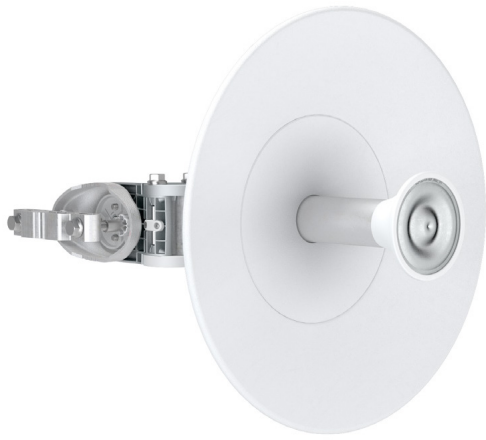


The Pegasus TwistPort radio delivers superior RF performance by combining carrier-grade hardware components with a robust and stable virtually lossless RF waveguide connector. Combine this new revolutionary technology with game changing Symmetrical Horn Sector Antennas and you will vastly improve co-location performance and reduce noise. No more pigtails!

### Symmetrical Horn Antenna with Twistport Connector and Carrier Class Performance

Symmetrical Horn Antennas offer excellent noise rejection and supreme scalability options. They have a symmetrical beam pattern, no sidelobes, and are extremely compact. SH-TP antennas are perfect for high-density AP clusters and radio co-location.

Symmetrical Horn TP Antennas feature our industry-changing TwistPort™ connector, a patent-pending quick-locking waveguide port. TwistPort™ is virtually lossless: there are no coaxial RF connectors or RF cables that cause significant signal loss. We offer a wide range of TwistPort™ Adaptors which allow you to connect the most popular 3rd party connectorized radios.



## UltraDish™ TP 400 - Directional Parabolic Dish Antenna with Twistport™ Connector

UltraDish™ TP 400's are designed for CPE or PtP connections. The antenna reflector is made from an aluminum alloy to ensure a very uniform shape. Our virtually lossless TwistPort™ connector guarantees easy radio deployment and maintenance.

Antenna installation is extremely easy and ensures rapid deployment for large scale projects. Our innovative antenna mount fits a wide range of pole diameters and can be easily swapped for right or left side mounts. A single HEX tool is all you need to perform your installation.

### SYMMETRICAL HORN ANTENNA SPECIFICATIONS

#### TECHNICAL DATA

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	15-86 mm
Temperature	-30°C to +55°C (-22°F to +131°F)
Wind Survival	160 km/hour
Mechanical Tilt	± 25°
Weight	2 Kg / 4.4 lbs - single unit 2.8 Kg / 6.2 lbs - single unit incl. package 5.4 Kg / 34 lbs - carton (5 units)

Product Dimensions	H 270 mm x W 202 mm X D 280 mm
Single Unit	Retail Box: 31 x 32 x 24 cm
5 Units	Carton Box: 32 x 35 x 119 cm

#### PERFORMANCE

Frequency Range	5180 - 6400 MHz
Gain	18.5 dBi
Azimuth Beam Width -3 dB	H 21° / V 21°
Elevation Beam Width -3 dB	H 21° / V 21°
Azimuth Beam Width -6 dB	H 30° / V 30°
Elevation Beam Width -6 dB	H 30° / V 30°
Front-to-Back Ratio	37 dB

### ULTRADISH™ TP 400 SPECIFICATIONS

#### PHYSICAL

Antenna Connection	TwistPort™ - Quick Locking Waveguide Port
Antenna Type	Parabolic Dish
Environmental	IP65
Pole Mounting Diameter	22-80 mm
Temperature	-40 to +60 °C (-40°F to +140°F)
Wind Survival	160 Km/h
Weight	2.7 Kg / 6 lbs - single unit (one antenna) 14 Kg / 31 lbs - 4PACK (4 units) incl. package
Dimensions	Retail Box 4PACK: 45 x 45 x 39 cm

#### COMPATIBLE WIRELESS PLATFORMS

any TwistPort™ Adaptor  
any SIMPER™ Radio

#### PERFORMANCE

Gain	24.5 dBi
Azimuth Beam Width -6 dB	H 11° / V 11°
Elevation Beam Width -6 dB	H 11° / V 11°
Azimuth Beam Width -3 dB	H 7° / V 7°
Elevation Beam Width -3 dB	H 7° / V 7°
Front-to-Back Ratio (Min)	35 dB

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