

Item no.: AH60-TP

## AH60-TP - 60° Asymmetrical Beam Antenna

from **268,08 EUR**

Item no.: AH60-TP  
shipping weight: 6.30 kg  
Manufacturer: RF Elements



### Product Description

#### AH60-TP - 60° Asymmetrical Beam Antenna

60° Asymmetrical Horn TP Antenna combines the best of both worlds - a high gain of a traditional sector antenna and zero side lobes of a horn. Its radiation pattern is wide in azimuthal and narrow in the elevation plane, greatly improving coverage planning options. 60° Asymmetrical Horn TP Antenna delivers unmatched beam performance thanks to the high stability of gain and radiation pattern in the whole band of operation. Outstanding performance favors 60° Asymmetrical Horn TP antenna for high-density AP clusters, in highly populated areas and dense co-location sites. AH60-TP features RF elements' revolutionary TwistPort™ connector, a patent-pending twist-and-lock waveguide port. 60° Asymmetrical Horn TP Antenna supports a wide range of third party mainstream radios with RF elements' TPA TwistPort™ Adaptor. AH60-TP features an all new mechanical structure with a massive aluminum ring and mounting bracket. Stainless steel hardware comes with black coating that prevents hardware seizing.

#### Technical Data

- Antenna connection: TwistPort™ - quick locking waveguide port
- Antenna type: Horn
- Materials: UV resistant ABS plastic, polycarbonate, HDPE, aluminium, stainless steel
- Environmental: IP55
- Pole mounting diameter: 40-80 mm (1.5-3.1 inch), recommended as close to 80 mm (3.1 inch) as possible
- Temperature: -35°C to +60°C (-31°F to +140°F)
- Wind survival: 160 km/h (100 mi/h)
- Wind load: 38/90 N - front/side at 160 km/h (100 mi/h)
- Effective projected area: 311/741 cm<sup>2</sup> - front/side (48.2/114.9 in<sup>2</sup>)
- Mechanical adjustment: ± 20° elevation, ± 20° azimuth
- Weight: 4.7 kg (10.3 lbs)
- Dimensions (retail box): 540 x 365 x 160 mm (21.2 x 14.3 x 6.3 inch)

#### Performance

- Frequency range: 5180 - 6000 MHz
- Gain: 17 dBi
- Azimuth beam width -3 dB: H 45°/V 42°
- Elevation beam width -3 dB: H 17°/V 16°
- Azimuth beam width -6 dB: H 60°/V 60°
- Elevation beam width -6 dB: H 25°/V 25°
- Beam efficiency: 95%
- Front-to-back ratio: 27 dB

### Specifications

Scan this QR code to  
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All details, up-to-date  
prices and availability

