

Item no.: STH-A45-USMA

## STH-A45-USMA - StarterHorn™ A45° USMA, Asymmetrical Horn Antenna

from **94,63 EUR**

Item no.: STH-A45-USMA  
shipping weight: 1.70 kg  
Manufacturer: RF Elements



### Product Description

#### STH-A45-USMA - StarterHorn™ A45° USMA, Asymmetrical Horn Antenna

The radiation pattern of StarterHorn™ A45 USMA has an asymmetrical main lobe and zero side lobes. StarterHorn™ antennas offer great noise rejection needed for high-density AP clusters and dense co-location.

StarterHorn™ antennas offer both waveguide and RP-SMA female connector interfaces allowing easy connectivity to any third-party radio on the market, including direct connectivity to UI radios with a waveguide interface.

#### Technical Data

- Antenna connection: RP-SMA port, waveguide port
- Antenna type: Asymmetrical horn
- Materials: UV resistant ABS plastic, polyethylene, aluminium, stainless steel
- Environmental: IP55
- Flame rating: UL 94 HB
- Pole mounting diameter: 20-55 mm (0.8-2.1 inch), recommend as close to 55 mm (2.1 inch) as possible
- Temperature: -30°C to +55°C (-22°F to +131°F)
- Wind survival: 160 km/h (100 mi/h)
- Wind load: 34/27 N - front/side at 160 km/h (100 mi/h)
- Effective projected area: 281/223 cm<sup>2</sup> - front/side (43.6/34.6 inch<sup>2</sup>)
- Mechanical tilt: ± 30°
- Weight: 1.4 kg (3.1 lbs) – single unit incl. package
- Dimensions: 238 x 245 x 163 mm (9.4 x 9.6 x 6.4 inch) – single unit incl. package

#### Performance

- Frequency range: 5150 - 5950 MHz
- Gain: 17 dBi
- Azimuth beam width -3 dB: H 31°/V 30°
- Elevation beam width -3 dB: H 21°/V 20°
- Azimuth beam width -6 dB: H 44°/V 45°
- Elevation beam width -6 dB: H 30°/V 29°
- Beam efficiency: 90%
- Front-to-back ratio: 30 dB

#### Compatible Wireless Platforms

- Ubiquiti Networks®: PrismStation™ 5AC, IsoStation™ 5AC, IsoStation™ M5
- Other: Any radio with coaxial output

### Specifications

**Scan this QR code to  
view the product**  
All details, up-to-date  
prices and availability



