

Item no.: STH-30-USMA

## STH-30-USMA - StarterHorn(TM) 30° USMA Symmetrical Horn Antenna

from **80,26 EUR**

Item no.: STH-30-USMA  
shipping weight: 1.90 kg  
Manufacturer: RF Elements



### Product Description

#### STH-30-USMA - StarterHorn(TM) 30° USMA Symmetrical Horn Antenna

StarterHorn(TM) antennas have a symmetrical beam pattern with no side lobes. StarterHorn(TM) antennas offer great noise rejection for high-density AP clusters and dense co-location. StarterHorn(TM) antennas provide excellent performance in a cost effective package.

StarterHorn(TM) antennas offer RP-SMA female connector interface for H and V antenna polarizations for connectivity to any third party radio on the market. They also allow for use of radios with waveguide connector.

#### Technical Data

- Antenna connection: RP-SMA port, waveguide port
- Antenna type: Symmetrical horn
- Materials: UV resistant ABS plastic, polyethylene, aluminum, stainless steel
- Environmental: IP55
- Flame rating: UL 94 HB
- Pole mounting diameter: 20-55 mm (recommended as close to 55 mm as possible)
- Temperature: -30°C to +55°C (-22°F to +131°F)
- Wind survival: 160 km/hour
- Wind loading: 23 N at 160 km/hour
- Mechanical tilt: +/-30°
- Weight: 1.9 kg/4.1 lbs. – single unit incl. package
- Dimensions: 269 x 240 x 240 mm/10.5 x 9.4 x 9.4 inch

#### Performance

- Frequency range: 5150 - 5950 MHz
- Gain: 18 dBi
- Azimuth beam width -3 dB: H 20°/V 20°
- Elevation beam width -3 dB: H 20°/V 20°
- Azimuth beam width -6 dB: H 30°/V 30°
- Elevation beam width -6 dB: H 30°/V 30°
- Beam efficiency: 92 %
- Front-to-back ratio: 33 dB

#### Compatible Wireless Platforms

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

### Specifications

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



