

Item no.: HORN-5-45

HORN-5-45 - Isolation Antenna Horn, 5 GHz, 45 Degrees

59,02 EUR

Item no.: HORN-5-45
 shipping weight: 1.40 kg
 Manufacturer: Ubiquiti



Product Description

Horn-5-45 - Isolation Antenna Horn for airFiber LTU and airMAX, 5 GHz, 45 Degrees launches a new family of beamwidth isolation antennas.

Modular Design

With flexible sectorization for optional antenna beamwidths, the horn antennas are interchangeable and improve beamshaping for specific deployment and environment needs. The sector horn antennas are designed to increase co-location performance without sacrificing gain. [Scalability](#)

Symmetrical horn antennas (30° and 45° versions, models Horn-5-30 and Horn-5-45, respectively) offer breakthrough scalability options for wireless systems. Unique beam performance and great co-location characteristics allow for a higher density of sectors than traditional sector technology. [Enhanced Co-Location](#)

Asymmetrical horn antennas (60° and 90° versions, models Horn-5-60 and Horn-5-90, respectively) have naturally attenuated side lobes and extremely low back radiation. They offer best front-to-back ratio in the industry and the lowest side lobe radiation. Asymmetrical horn antennas are ideal for cluster sector installations with high co-location requirements. [Interchangeable Antennas](#)

The horn antennas come with precise radiation angles for specific beam shaping, ranging from 30° to 90°, making them suitable for a wider range of installations.

- Available in 30°, 45°, 60°, and 90° designs
- Designed for use with AF-LTU, PS-5AC, IS-5AC, and IS-M5
- Single button release for ease of changing antennas
- Dimensions: 175 x 96 mm (6.9 x 3.78")
- Weight: 1.34 kg (47.23 oz)
- Supported frequency range: 5.15 - 5.85 GHz
- Gain: 15.5 dBi
- HPOL beamwidth: 45°
- VPOL beamwidth: 45°
- Elevation beamwidth: 45°
- Maximum VSWR: 1.7:1
- Wind survivability: 200 km/h (125 mph)
- Wind Loading: 56 N (at) 200 km/h (12.6 lbf (at) 125 mph)
- Polarization: Dual-linear
- Cross-pol isolation: 17 dB

Specifications

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

