

UltraHorn™ CC 5-24

ULTIMATE NOISE-REJECTING DIRECTIONAL HORN ANTENNA WITH CARRIER CLASS PERFORMANCE

The UltraHorn™ CC 5-24 is a horn antenna with high gain, high directivity, and symmetrical radiation pattern. Symmetrical beam with equal horizontal and vertical beam widths, combined with zero side lobes, offers impeccable performance in terms of interference rejection. No need to spend extra money for radomes, shrouds, or any other additional shielding.

UltraHorn™ CC 5-24 Antenna is suitable for point-to-point links in high noise areas. Thanks to the unique radiation characteristics, UltraHorn™ CC 5-24 delivers excellent performance as narrow beam sector antenna, offering versatile tool for precise network planning. UltraHorn™ CC 5-24 is dual polarization antenna system (H+V) equipped with two N-female connectors.



TECHNICAL DATA Antenna Connection 2x N Female Bulkhead Connector Antenna Type UV Resistant ABS Plastic, Polycarbonate, Materials Polypropylene, Aluminium, Stainless Steel IP55 Enviromental 30-80 mm (1 2-3 1 inch) Pole Mounting Diameter Recommended as close to 80 mm (3.1 inch) as possible -30°C to +60°C (-22°F to +140°F) Temperature Wind Survival 160 km/h (100 mi/h) Wind Load 136/113 N - Front/Side at 160 km/h (100 mi/h) 1117/928 cm² - Front/Side (173.1/143.8 in²) Effective Projected Area Mechanical Adjustment ± 25° Elevation, ± 25° Azimuth 8.7 kg (19.1 lbs) - single unit* Weight 9.7 kg (21.4 lbs) – single unit incl. package* Single Unit Retail Box: 57.0 x 57.0 x 66.0 cm (22.4 x 22.4 x 26 inch)* **PERFORMANCE** Frequency Range 5180 - 6400 MHz 24 dBi Azimuth Beam Width -3 dB Elevation Beam Width -3 dB H 11°/V 11° Azimuth Beam Width -6 dB H 16° / V 15° Elevation Beam Width -6 dB H 16°/V 15° Beam Efficiency** 99 % Dual Linear H + V Polarization Front-to-Back Ratio 40 dB

1.6

1.8

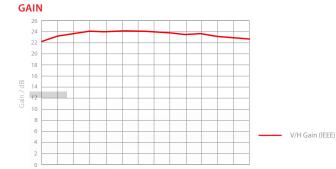
VSWR Max 5850-6400 MHz **AZIMUTH PATTERN**

VSWR Max 5180-5850 MHz



ELEVATION PATTERN





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