

A 5000 CP Circularly_{Polarized}

Sennheiser launches its circularly polarized antenna designed for wireless monitoring and wireless microphone systems.

The A 5000 CP passive antenna provides the optimum solution for both transmitting and receiving RF signals throughout the UHF spectrum. Its wideband design (450-960 MHz) allows it to accommodate antenna distribution systems for wireless monitors and wireless microphones across multiple frequency ranges, offering maximum flexibility when designing complicated RF systems. When used as a transmitting antenna, the unique circular polar pattern of the A 5000 CP dramatically reduces dropouts in non-diversity wireless monitor bodypack receivers.

Fearures and Benefits

- Highly directional, passive performance
- Optimum solution for transmitting and receiving RF signals throughout the UHF spectrum
- Wideband design (450-960 MHz) works across multiple frequency ranges
- Ideal for wireless monitoring and microphone systems
- Unique circularly polarized design reduces "drop-outs" caused by multi-path problems
- Robust housing designed for "real-world" applications
- Designed for convenient stand or wall mounting

Technical Data

A 5000 CP

Antenna Type Forward Gain Bandwidth Polarization Connector Type Half Power Beam Width SWR **Power Handling Capability** Radome Depth Ground Plane Diameter

Mounting Bracket

Radome Material Element Element Support Hardware Approximate Weight

Circular Polarized Helical min. 8 dBi 450 - 960 MHz Frequency @ Maximum Gain 650 MHz (typically 9.5 dBi) Circular N (female) 40 degrees < 1.5:1 50 W 5.5" (140mm) 14" (356mm) 6061 Anodized Aluminum 4 x 3.625 x 3/8" (101 x 93 x 9.5 mm) Lexan Plate 3/8-16 Helicoil Matthews Pin available Black Acrylic Copper Lexan Stainless Steel 3 lbs. (1.35 kg)



A 5000 CP

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* Currently Available