

A 5000 CP Circularly Polarized antenna



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

Announcement

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.

Features 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	Circular Polarized Helical
Forward Gain	min. 8 dBi
Bandwidth	450 - 960 MHz
Frequency @ Maximum Gain	650 MHz (typically 9.5 dBi)
Polarization	Circular
Connector Type	N (female)
Half Power Beam Width	40 degrees
SWR	< 1.5:1
Power Handling Capability	50 W
Radome Depth	5.5" (140mm)
Ground Plane Diameter	14" (356mm) 6061 Anodized Aluminum
Mounting Bracket	4 x 3.625 x 3/8" (101 x 93 x 9.5 mm) Lexan Plate 3/8-16 Helicoil Matthews Pin available
Radome Material	Black Acrylic
Element	Copper
Element Support	Lexan
Hardware	Stainless Steel
Approximate Weight	3 lbs. (1.35 kg)



A 5000 CP

The
innovative
wireless
solution
from
Sennheiser

* Currently Available