

AH-218 Helix Antenna

The AH-218 is a circular polarization helix antenna. It has a directional radiation pattern and a invariable gain along its frequency range.

It is commonly used is in the receiver site in ENG links, where the circular polarization allows the reduction of the multipath effect. Besides, it is also used in medium length point to point links.

The AH-218 is a compact and lightweight antenna. It has a 25° beamwidth with 18,3 dBiC gain which allows easy steering of the antenna.

The circular polarization allows good signal reception in multipath environments assuring a stable signal.



Characteristics

Frequency band

2,0 to 2,7 GHz

Gain

18,3 dBiC nominal

Radiation pattern

25° (Az) x 25° (El)

Polarization

RH Circular (LH Circular upon request)

Bandwidth

700 MHz

VSWR

<1.2

Connector

N female

Input impedance

50 Ohm

Weight

800 g

Temperature range

-20 °C to +50 °C

Order Information:

AH-218 (2,0 to 2,7GHz, 18,3 dBiC gain, RP: 25° (El) x 25°(Az))

For other frequency bands, contact SVP: info@svpbm.com