

AC-102 Up-Down Hemi Antenna

The AC-102 is an up-down circular polarization hemispheric antenna. It is commonly used in up and downlinks to/from helicopters. In this application hemispherical coverage is needed in the receiver site. Meanwhile in the transmitter site the antenna has to transmit upwards with a wide radiation pattern so that, regardless the movement and position of the transmitter, the transmitted signal reaches the receiver.

Circular polarization antennas are especially interesting for multipath environments and in motion links.

The radiation pattern is perpendicular to the base of the antenna making the installation in vehicles very easy.

The AC-102 antenna is very sturdy and can work in extreme weather conditions. It is made of aluminium.



Characteristics

Frequency band

1,35 to 1,71 GHz

Gain

3 dBiC Nominal

Beamwidth

150° x 150° (Upwards)

Polarization

R.H. Circular

Bandwidth

350 MHz

VSWR

<2:1

Connector

N female

Input impedance

50 Ohm

Size

914 x 162 x 84 mm

Weight

250 g

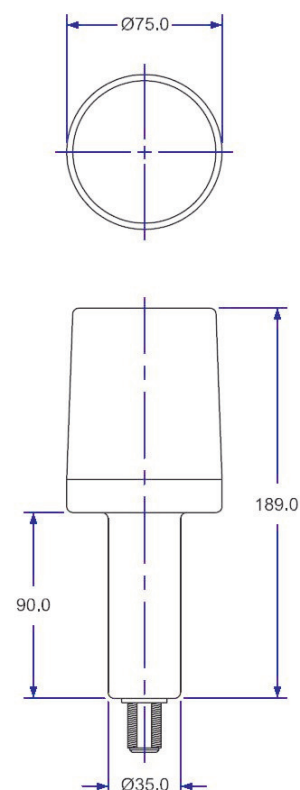
Operating temperature

-20 to 50°C

Order Information:

AC-102

For other frequency bands, contact SVP



Design and specifications are subject to changes without prior notice. 05/15