

AV Linear Omnidirectional Antenna

AV Antennas, which are linear polarization omnidirectional antennas, are suitable for mobile links.

The design of this antenna makes it very suitable for reception in reporter links due to its low weight and the N male connector enables direct connection to que down-converter. No cables are needed and cable losses in the receiver site are minimized.

Besides, the radiation pattern, a wide vertical beamwidth and omnidirectional horizontal pattern, enables to receive transmitted signal without the need of steering the antenna.

These antennas have 3 dBi gain and depending on the selected model operate in different frequency range.

The AV antennas are made of brass, stainless steel and teflon.



Characteristics

Frequency bands

AV-203: 2.0 to 2.7 GHz

AV-303: 3.1 to 4.0 GHz

AV-403: 4.4 to 5.9 GHz

Gain

3 dBi

Polarization

Linear, Vertical

Beamwidth

76° V x 360° H

Bandwidth

Depends on the frequency range

VSWR

Typ. <1.5

Connector

N male

Temperature range

-30 to +70°C

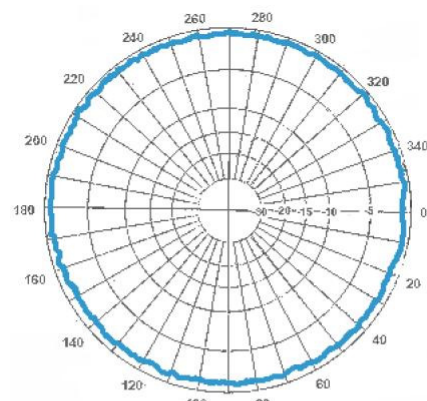
Size

125 mm x D 22 mm

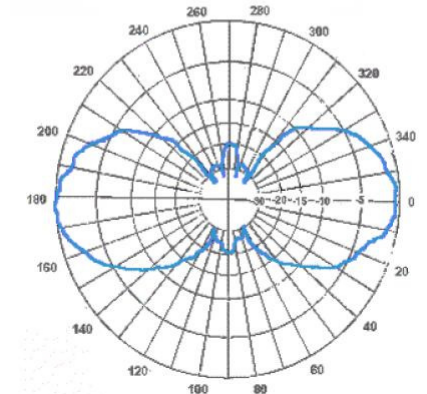
Weight

200 gr

Order Information: AV-203 (2.0 to 2.7 GHz)
AV-303 (3.1 to 4.0 GHz)
AV-403 (4.4 to 5.9 GHz)



Horizontal radiation pattern



Vertical radiation pattern

For other frequency bands, contact SVP

Design and specifications are subject to changes without prior notice. 01/19