

AVF Linear Omnidirectional Flexible Antenna

AVF Antennas, which are linear polarization omnidirectional flexible antennas, are suitable for mobile camera links.

The design of this antenna makes it very suitable for transmission when using a camera transmitter, because the radiating element is above the cameraman's head. Besides, the radiation pattern, a wide vertical beamwidth and omnidirectional horizontal pattern, makes possible to maintain the signal as the camera position changes.

The use of these antennas offer an important advantage: there is no need to steer the antenna and the cameraman can move freely.

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

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



Characteristics

Frequency bands

1,3 to 7,5 GHz
(Different bands available)

Gain

3 dBi

Polarization

Linear, Vertical

Beamwidth

76°V x 360°H

Bandwidth

Depends on the frequency range

VSWR

<1.3

Connector

N male

Temperature range

-30 to +70°C

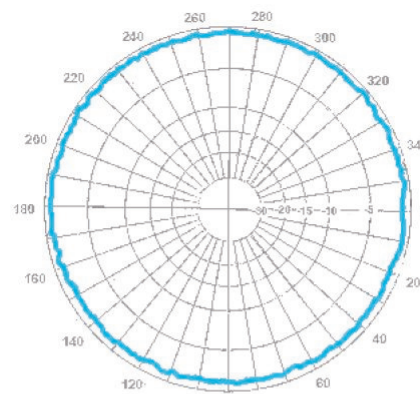
Size/ Weight

290 mm x D 22 mm / 158g (AVF-X03)
400 mm x D 22 mm / 212g (AVF-X03LB)

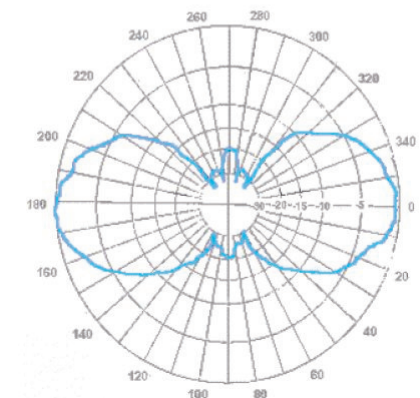
Order Information:

AVF-103, AVF-103LB (1,3 to 1,55 GHz)
AVF-203, AVF-203LB (2,0 to 2,7 GHz)
AVF-303, AVF-303LB (3,0 to 3,8 GHz)
AVF-403, AVF-403LB (4,4 to 5,9 GHz)
AVF-603, AVF-603LB (6,0 to 7,5 GHz)

For other frequency bands, contact SVP



Horizontal
Radiation Pattern



Vertical
Radiation Pattern

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