

AS-213 & ASC-213 Sector 13 dBi, 90° Antenna

The AS-213 sector antenna has been designed to receive signals from in motion links, especially from helicopters. It is also commonly used in the receiver site of the camera links, since it allows a wide coverage without having to steer the receiver antenna.

This antenna is appropriate for covering 90 degree sectors. It consists of 4 dipoles erected vertically. It has a 90° horizontal radiation beamwidth and 20° vertical beamwidth. It can be linear polarization or circular polarization. Circular polarization antenna is specially useful in multipath environments.

The AS-213 antenna is constructed on a rugged and sturdy block of aluminium with a white fibre radome, having therefore an excellent robustness and reliability.



Characteristics

Frequency band

2.1 to 2.5 GHz (AS-213 model)
2.2 to 2.6 GHz (ASC-213 model)

Gain

13 dBi

Polarization

Linear or Circular

Bandwidth

400 MHz

Radiation pattern

90° (Az), 20° (El)

VSWR

< 1.5

Connector

N female

Input impedance

50 Ohm

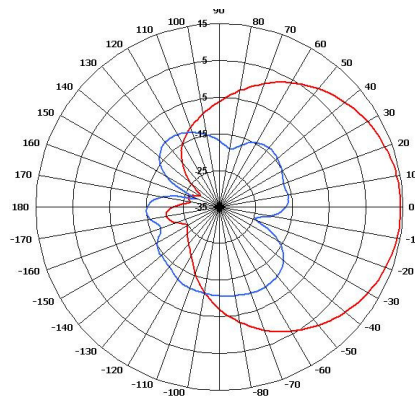
Size

340 x 88 x 14 mm

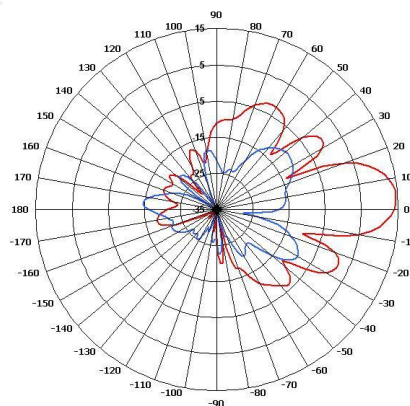
Order Information:

AS-213 (Linear Polarization)
ASC-213 (Circular Polarization)

For other frequency bands, contact SVP



Horizontal Radiation Pattern



Elevation Radiation Pattern

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