

## AS-315, AS-316 & AS-317 Antennas

The AS-315, AS-316 and AS-317 are high gain antennas build up in a compact package. They have been designed to be installed in a mast as they are commonly used in the receiver site. Thanks to the wide coverage area of these antennas, the transmitter can move and transmit signal from any point inside that wide coverage area.

The most interesting application is to use different antennas working in diversity in the central receiver site. Each antenna will cover a determinate area of a city. Thanks to the diversity technique a wide city coverage area is achieved and live transmission can be carried out from almost any point of the city.



## Characteristics

### General Characteristics

<b>Frequency Range</b>	3,3 to 3,8 GHz
<b>Bandwidth</b>	500 MHz
<b>Gain</b>	AS-315: 15 dBi AS-316: 16 dBi AS-317: 17 dBi
<b>Horizontal Beamwidth</b>	AS-315: 120° AS-316: 90° AS-317: 90°
<b>Vertical Beamwidth</b>	7°
<b>F/B Ratio</b>	> 25 dB
<b>VSWR</b>	< 1.5
<b>Nominal Impedance</b>	50 Ohm
<b>Polarization</b>	Vertical
<b>Max Power</b>	100 W
<b>Connector</b>	N Female

### Mechanical Specifications

<b>Size</b>	max. 700 x 140 x 50 mm
<b>Weight</b>	max. 3 kg
<b>Rated wind velocity:</b>	60 m/s
<b>Order Information:</b>	AS-315 (15 dBi) AS-316 (16 dBi) AS-317 (17 dBi)