

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

Frequency Range	3.3 to 3.8 GHz
Bandwidth	500 MHz
Gain	AS-315: 15 dBi AS-316: 16 dBi AS-317: 17 dBi
Horizontal Beamwidth	AS-315: 120° AS-316: 90° AS-317: 90°
Vertical Beamwidth	7°
F/B Ratio	> 25 dB
VSWR	< 1.5
Nominal Impedance	50 Ohm
Polarization	Vertical
Max Power	100 W
Connector	N Female

Mechanical Specifications

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