

## AS-616 Antenna

The AS-616 is high gain antenna build up in a compact package. It has been designed to be installed in a mast as they are commonly used in the receiver site. Thanks to the wide coverage area of this antenna, the transmitter can move and transmit signal from any point inside that wide coverage area.

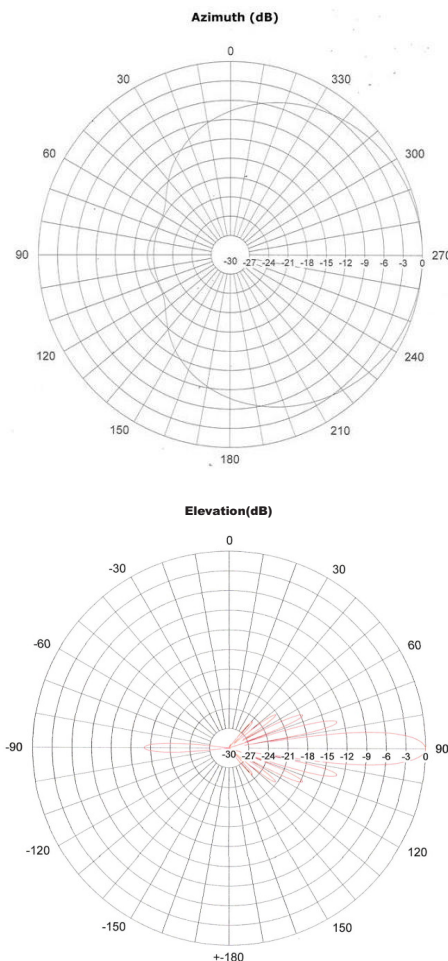
The most interesting application is to use different antennas working in diversity in the central receiver site. Each antenna will cover a determinate area of a city. Thanks to the diversity technique a wide city coverage area is achieved and live transmission can be carried out from almost any point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



## Characteristics

### General Characteristics

<b>Frequency Range</b>	6.28 to 6.90 GHz
<b>Bandwidth</b>	620 MHz
<b>Gain</b>	16 dBi
<b>Horizontal Beamwidth</b>	65°
<b>Vertical Beamwidth</b>	9° (+/- 4.5)
<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



Design and specifications are subject to changes without prior notice. 02/19