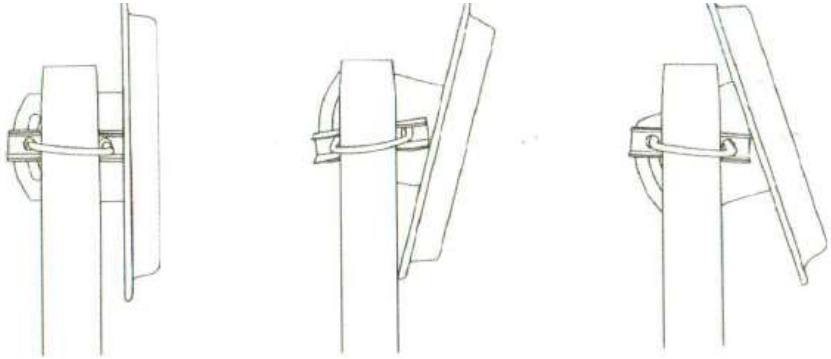
Example of antenna positioning at different angles



ECOTONE TELEMETRY
email: telemetry@ecotone.pl
http://www.ecotone.pl
EU-VAT: PL5851060654

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Słowackiego 12
81-871 Sopot POLAND
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ECOTONE TELEMETRY

AstraEa HV 18 dbi 2.4 GHz microstrip antenna

The **AstraEa 2.4GHz 18 dBi** antenna combines the advantages of directional YAGI or HELICALL antennas (high gain and directivity) and panel antennas (flat shape, comfortable installation and easy positioning).

Another advantage is the guaranteed gain in **excess of 18 dBi** and low sensitivity to signals from the side directions.

The front part of the antenna is made of polymers transparent to radio waves and completely resistant to the degrading effects of UV radiation and weather conditions.

Energy profit	18dBi
Working frequency	2400 - 2500 MHz
VSWR	1.2
Polarization	Horizontal, Vertical
Radiation angle in the vertical plane	32
Radiation angle in the horizontal plane	35
Ended with a connector	TNC (TNC socket)
Impedance	50 Ohm
Libra	0.6 kg
Dimensions	L-20cm, H-20cm, W-1cm
Mounting (diameter)	25-42mm
Wind resistance	n / a km / h

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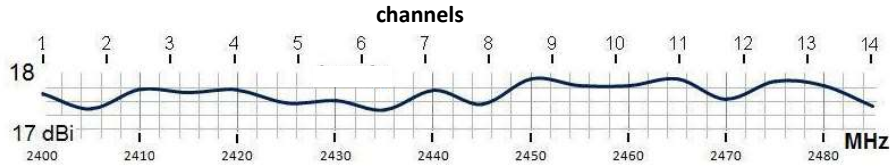

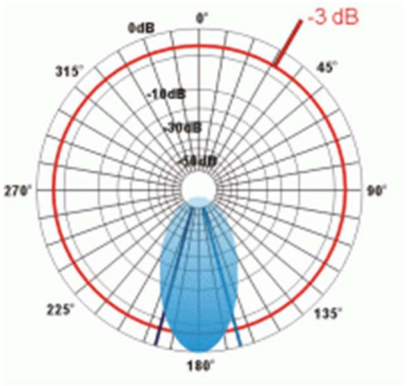

Mounting method:

Each antenna is supplied with bracket and U-bolt, which is used to mount the antenna to a mast.

The vertical polarization is recommended for Ecotone base stations. The arrow on the backside shows the antenna polarity and should be pointing up.

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WARNING!!

After tightening the cable to the antenna, the connector should be protected against water, e.g., with self-amalgamating tape or Vaseline lipstick. See the Ecotone base station manual.

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