

EPA11 is a directive array antenna combining original architecture and innovative material technology. **EPA11** offers both shaped patterns in H plan and E plan with a fixed beam tilt. It has an exceptional VSWR lower than 1.2 which allows very high transmitted RF power, up to 600 W. Thanks to its very flat structure and its thickness lower than 10 cm, **EPA11** is very suitable for use in urban area as a base station on the wall, for example. **EPA11** exhibits high protection against lightning and high-tension line due to its natural DC grounded construction.

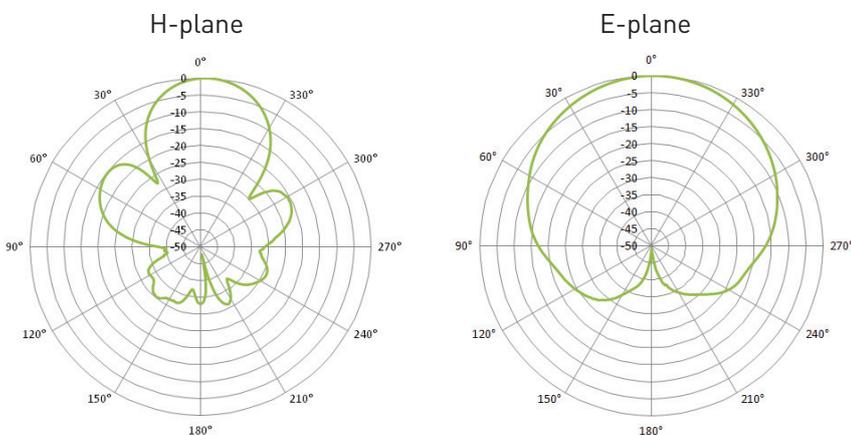
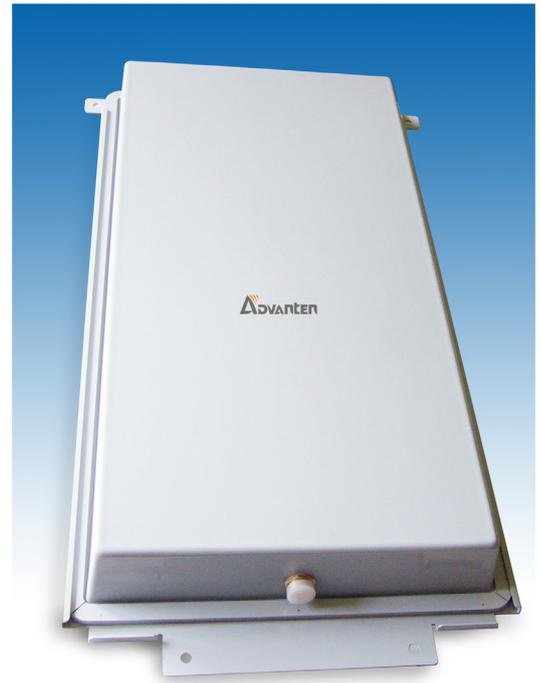
SPECIFICATIONS

Electrical Data

Frequency ranges	470 - 530 MHz 530 - 630 MHz 630 - 730 MHz
Input impedance	50 Ω
VSWR	< 1,2:1
Maximum input power	600 W
Peak gain	11 dBi
Half power beamwidth	E plan 30° H plan 60°
Tilt	5°
Polarization	Vertical

Mechanical Data

Connector	7/16 female
Material	Waterproof PVC based plastic
Colour	Grey
Inner conductor	DC grounded
Weight	< 15kg
Dimensions	500 x 1000 x 100 mm
Operating temperature	- 25 °C to + 70 °C
Relative humidity	0% to 100%
Ingress protection	IP 65



VSWR

