

# ATC S11 GS



**The antenna is made as an array of dipoles with a reflector shaping a radiation pattern providing parameters of ILS path.**

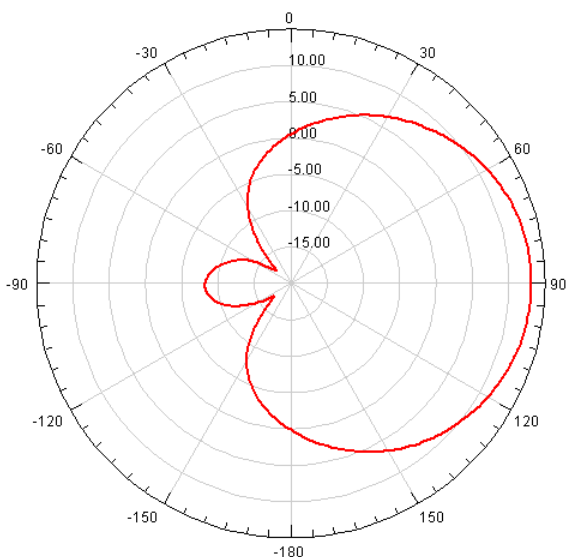
**Radiating elements are secured by a fiberglass laminate cover, in which the heating system is installed. The heating system is stabilized by its own power supply with thermostat.**

**The structure is made of lightweight aluminium alloy, welded and powder painted.**

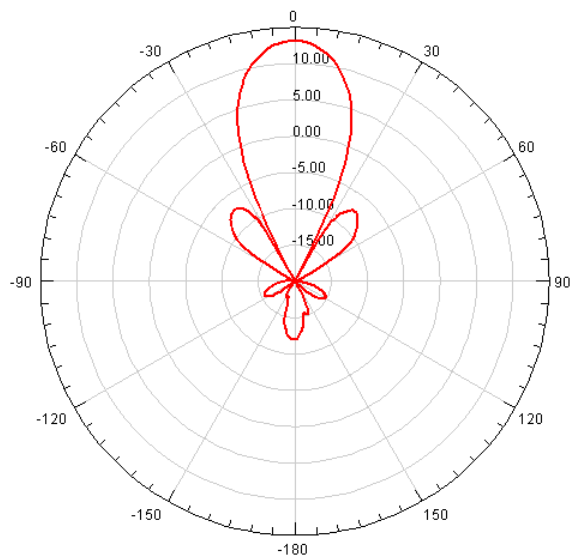
**The phasing system is made of coaxial cables which are resistant to change of parameters during the entire period of operation.**

**In the back of the antenna, near the input, the monitor signal output is placed for the continuous monitoring of the ILS system.**

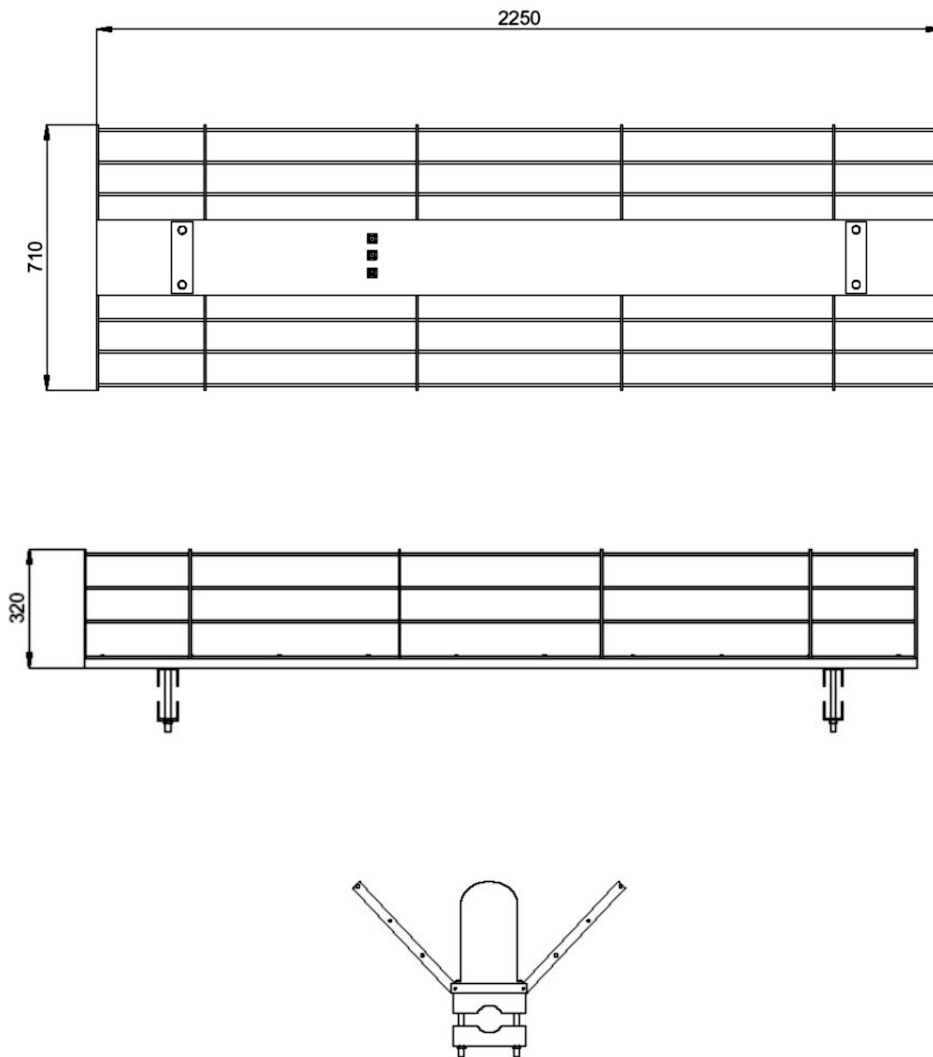
<b>ELECTRICAL</b>	
<b>Gain</b>	13 dBi
<b>Radiation pattern</b>	directional
<b>Impedance</b>	50 $\Omega$
<b>VSWR</b>	$\leq 1.2$
<b>Frequency range</b>	328 – 336 MHz
<b>Bandwidth</b>	8 MHz
<b>Maximum power</b>	100 W
<b>Horizontal radiation pattern code (H-plane)</b>	011EA10 (CEPT Recommendation T/R 25-08)
<b>Vertical radiation pattern code (E-plane)</b>	037EA10 (CEPT Recommendation T/R 25-08)
<b>MECHANICAL</b>	
<b>Connector</b>	N
<b>Material</b>	Aluminium, fiberglass laminate
<b>Polarization</b>	horizontal
<b>Weight</b>	21 kg
<b>Lightning protection</b>	DC-grounded
<b>Total dimensions</b>	710 x 2250 x 320 mm
<b>Packaging</b>	Carton box
<b>Warranty period</b>	5 years
<b>Wind speed</b>	180 km/h
<b>CLIMATIC CONDITIONS</b>	
<b>Temperature range</b>	-40°C ÷ +70°C
<b>Humidity</b>	$\leq 100\%$ at +40°C



Vertical radiation pattern



Horizontal radiation pattern



Dimensions of the ATC S11 GS



**P.U.P. Net-Com**

41-902 Bytom, ul. Piekarska 102/7  
tel./fax (32) 282-68-21, 0601-22-08-97

[www.net-com.bytom.pl](http://www.net-com.bytom.pl) e-mail : [biuro@net-com.bytom.pl](mailto:biuro@net-com.bytom.pl)