

ATC S20 ADS-B



The antenna is designed for cooperate with the ADS-B receivers. The constructions enables to use the antenna in local broadcasting systems cooperating with aviation transponders. The antenna can be mounted on a typical diameter masts. Waterproof construction ensures long dependable service in all environments. The cover is made of fiberblass laminate and painted with varnish which is resistance to UV. The antenna is DC-grounded and requires additional lightning rod only in peak locations.

ELECTRICAL

Gain	10 dBi
Radiation pattern	omnidirectional
Impedance	50 Ω
VSWR	≤ 1.5
Frequency range	1020 – 1100 MHz
Bandwidth	80 MHz
Maximum power	200 W CW 1kW peak

MECHANICAL

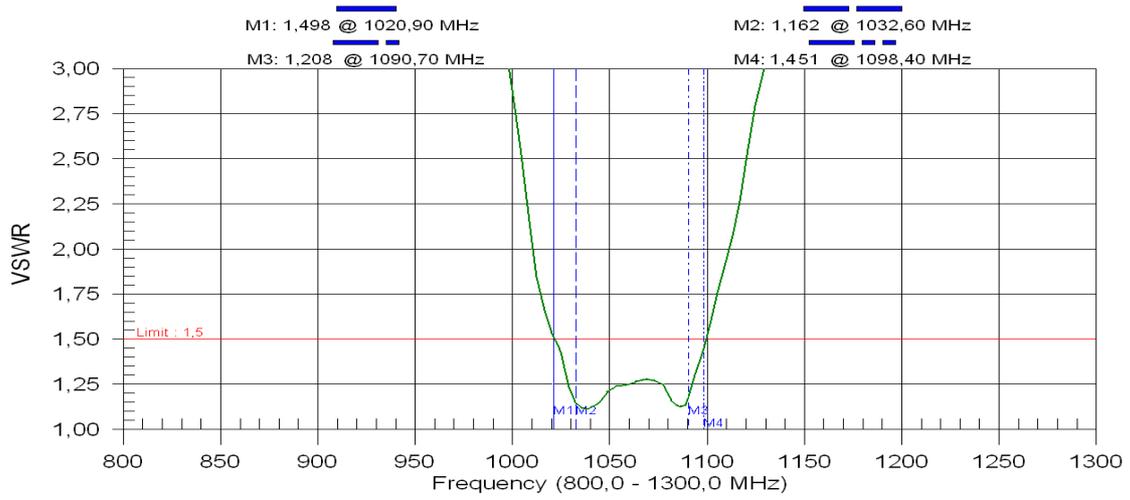
Connector	N
Material	Aluminum, fiberglass
Polarization	vertical
Total weight	3 kg
Lightning protection	DC-grounded
Total length	1800 mm
Packaging	Carton box
Warranty period	2 years
Wind speed	140 km/h

CLIMATIC CONDITIONS

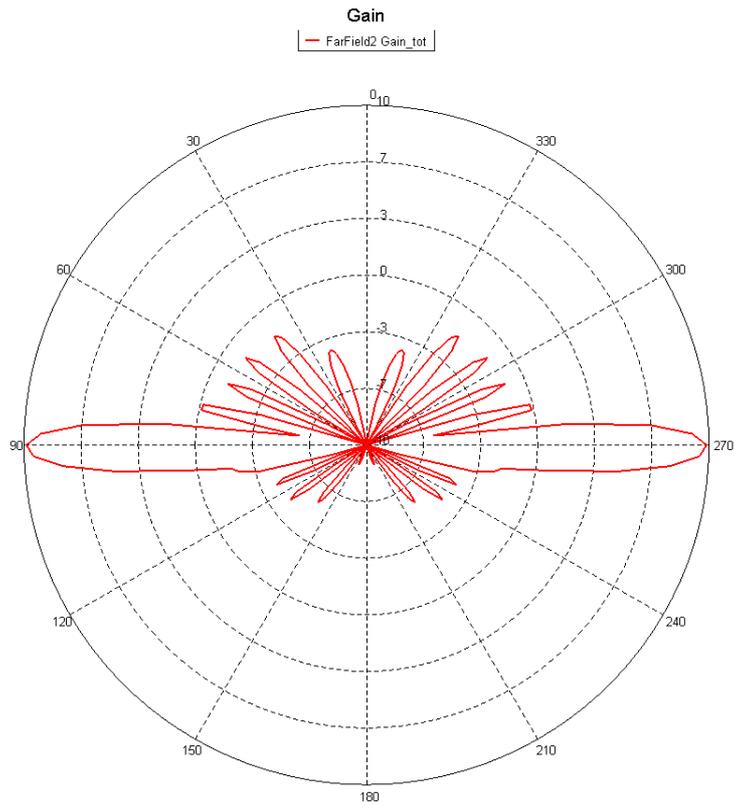
Temperature range	-40°C ÷ +70°C
Humidity	$\leq 100\%$ at +40°C

VSWR

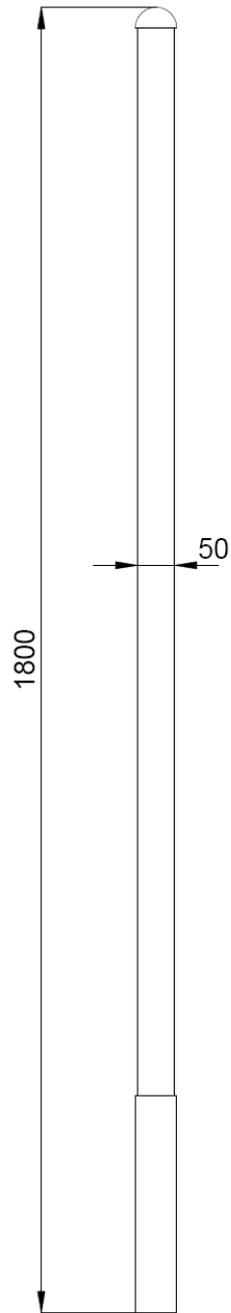
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VSWR



Vertical radiation pattern



Total dimensions

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