

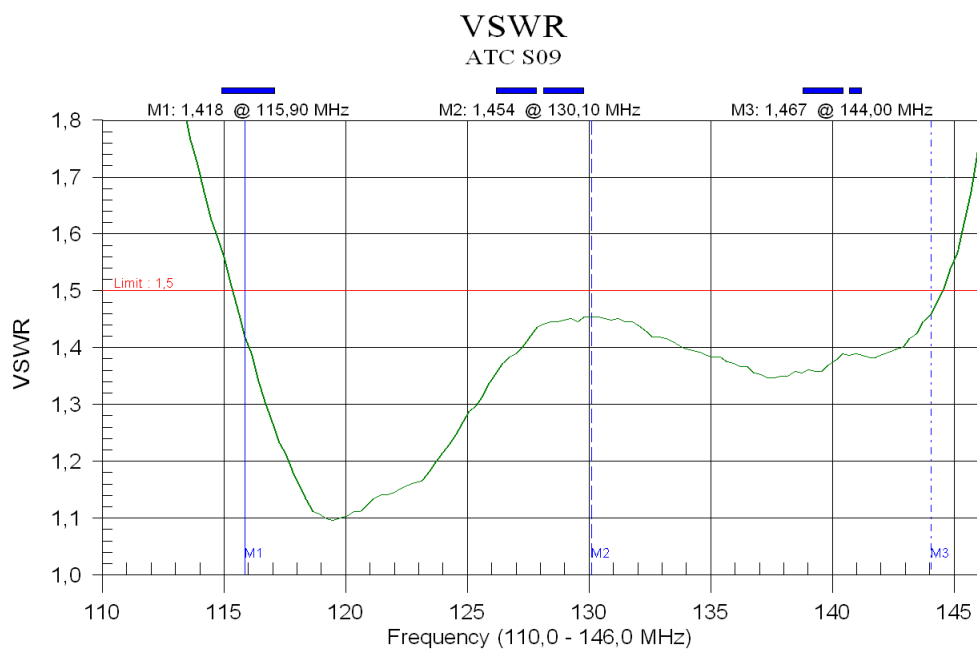
Base station antenna

ATC S-09M

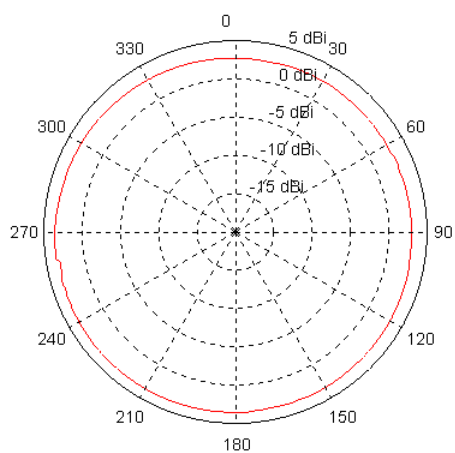


The omnidirectional antenna designed for vertical polarization, produced in versions covering the whole air communication VHF band. Waterproof construction and careful material selection ensure resistance to climatic conditions irrespective of climatic zones. The construction of the antenna is optimized with a special consideration of a required impedance matching in the neighbourhood of other antennas or of the structure of masts. The antenna is DC-grounded, there is an earthing clamp on the corpus of the antenna and lightning rod on the top. An application: civil and military terrestrial and air communication systems, mobile command center.

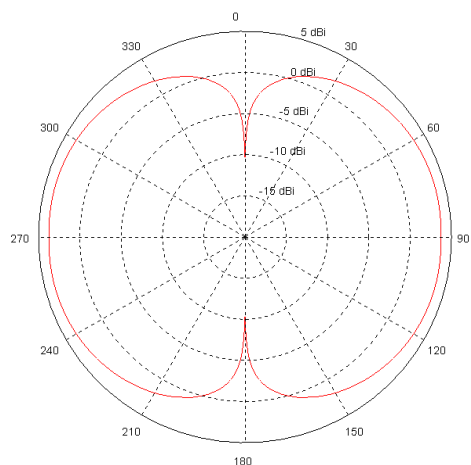
ELECTRICAL	
Gain	3,5 dBi
Radiation pattern	omnidirectional
Impedance	50 Ω
VSWR	< 1.5
Frequency range	116 – 144 MHz
Bandwidth	28 MHz
Maximum input power	500 W
MECHANICAL	
Connector	N
Material	Aluminum, fiberglass, stainless steel
Polarization	vertical
Weight	6,5 kg
Lightning protection	DC-grounded
Total dimensions (diameter/height)	110/ 2350 mm
Color	RAL 6003 (green) , RAL9003 (white)
Packaging	Carton box
Warranty period	36 months
Wind speed	180 km/h
CLIMATIC CONDITIONS	
Temperature range	-40°C ÷ +85°C
Humidity	≤ 100% at +40°C



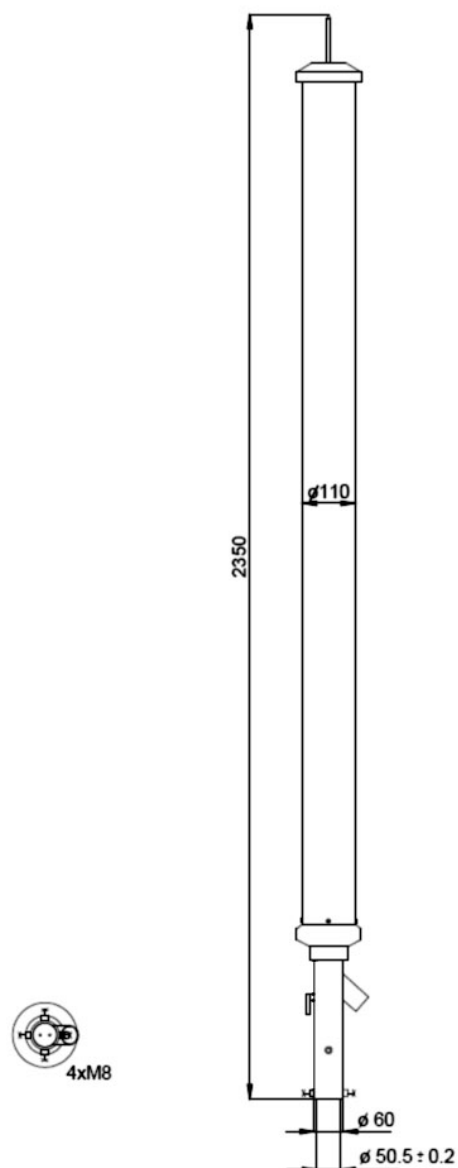
VSWR



Horizontal radiation pattern



Vertical radiation pattern



Total dimensions of the ATC S-09M



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