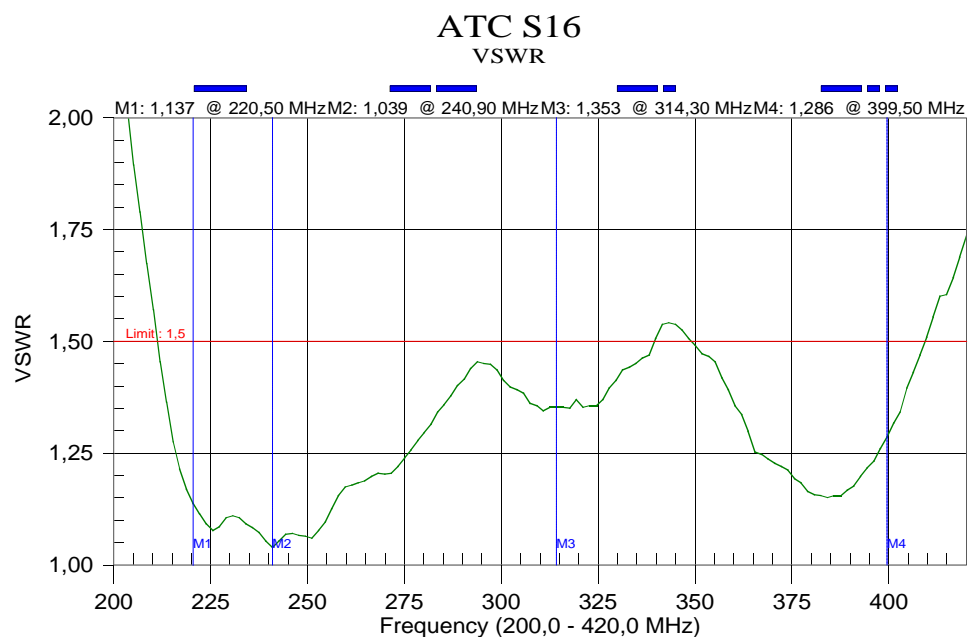


ATC S16 F - UHF

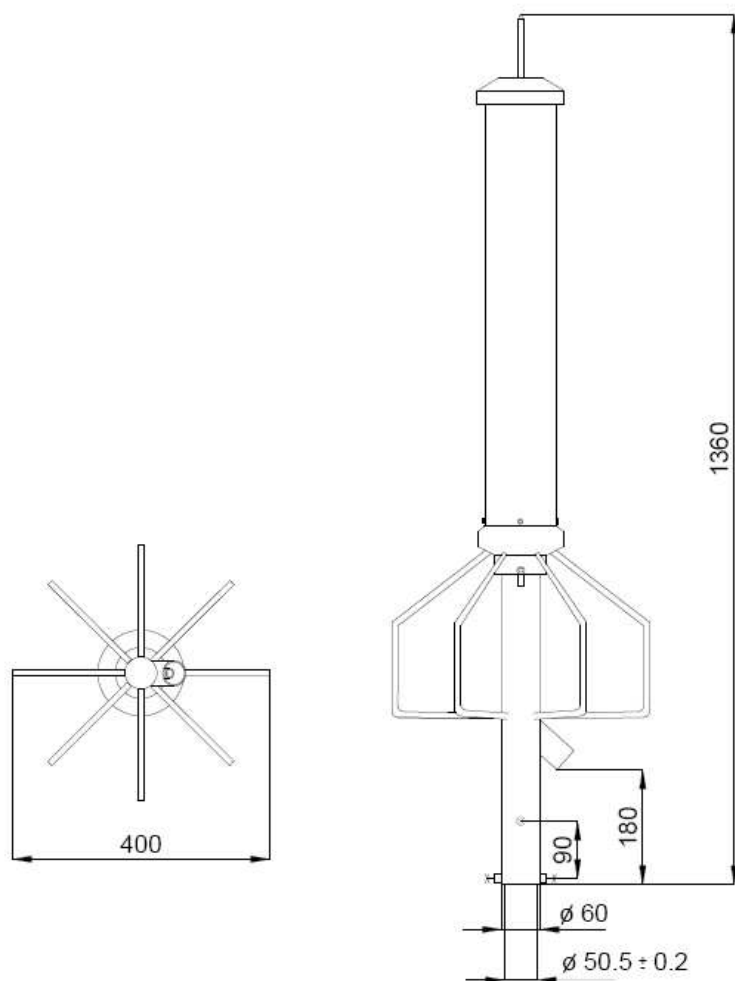


The omnidirectional antenna designed for vertical polarization, produced in versions covering the whole UHF band. The antenna has a very high resistance to environmental factors, mechanical damage and lightning. The antenna is designed and optimized to provide the required matching impedance close to other antennas or masts. The antenna is DC-grounded, there is a lightning rod on the top, connected with an earthing clamp on the base of the antenna. The antenna requires no additional lightning rod in peak locations. An application: civil and military terrestrial and air communication systems.

| ELECTRICAL | |
|------------------------------|-------------------------------|
| Gain | 2,15 dBi |
| Radiation pattern | omnidirectional |
| Impedance | 50 Ω |
| VSWR | $\leq 1,5$ |
| Frequency range | 220 – 400 MHz |
| Bndwidth | 180 MHz |
| Maximum power | 500 W |
| MECHANICAL | |
| Connector | N |
| Material | Aluminum, fiberglass |
| Polarization | vertical |
| Total weight | 5 kg |
| Lightning protection | Galvanic on the mounting base |
| Dimensions (diameter/height) | 400 / 1360 mm |
| Packaging | Carton box |
| Warranty period | 2 years |
| Wind speed | 120 km/h |
| CLIMATIC CONDITIONS | |
| Temperature range | -40°C ÷ +70°C |
| Humidity | $\leq 100\%$ at +40°C |



VSWR of the ATC S16F



Total dimensions of the antenna



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 e-mail : biuro@net-com.bytom.pl