

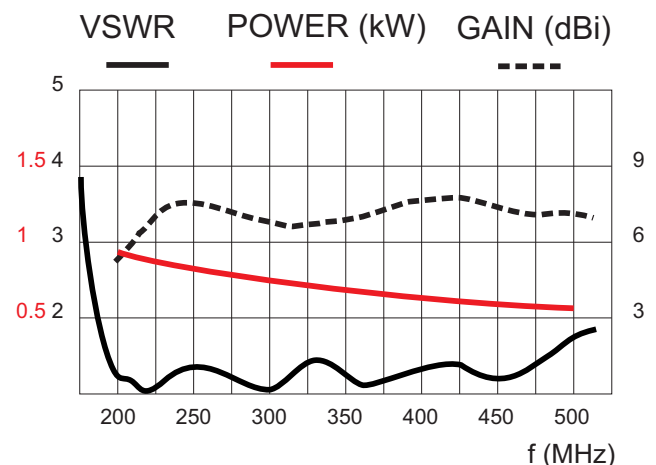
The antenna AD-22/B-F is a log-periodic dipole antenna covering frequency range from 225 to 512 MHz. The antenna is mainly intended for field tactical use.

The antenna is composed of a boom element and 7 dipoles. All dipole elements are permanently attached to the antenna boom and are made of a special bi-directional bendable tape elements, covered with plastic sleeve. Complete antenna is stowed inside the portable cylinder covered with double impregnated canvas bag.

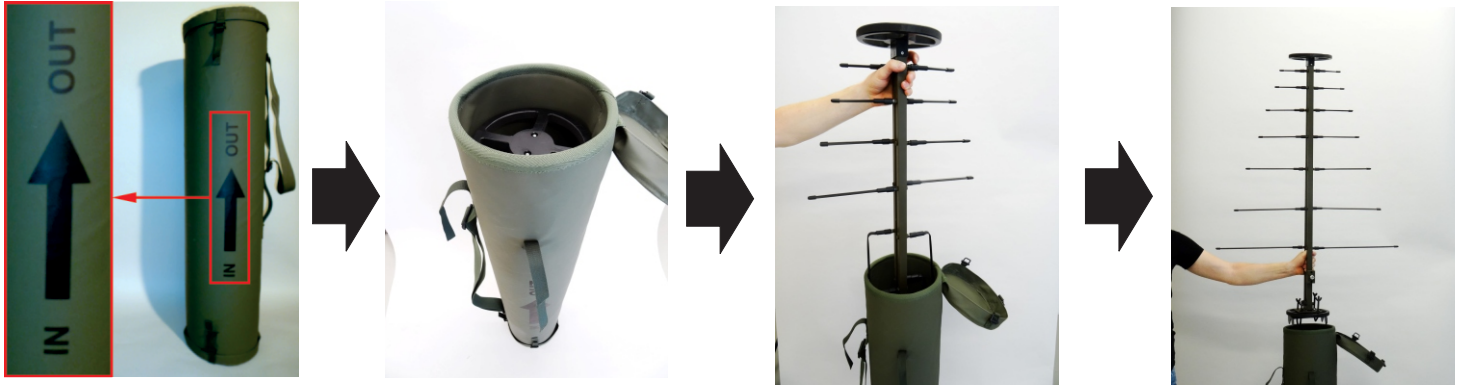
Such fixed and bendable radiating elements together with the unique bag design make the antenna ready for work in a fraction of time. The boom is made of aluminium alloy, protected with irridite finish and painted with two component UV resistant PU paint. The antenna support on the end enables mounting on masts with outer diameter between 1" (26 mm) and 2" (50 mm).


TECHNICAL CHARACTERISTICS

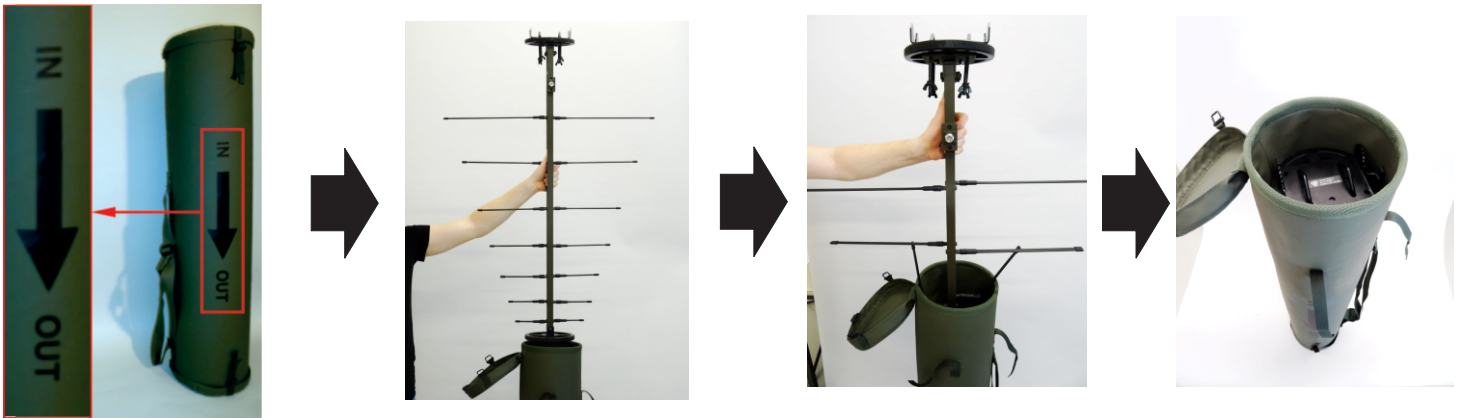
Frequency range	225 - 512 MHz
Impedance	50 ohm
VSWR	< 2:1
Gain	7 dBi
Front-to-back ratio	> 20 dB
Polarization	HOR./VER.
Maximum power	500 W CW
Connector	N female
Length	1,0 m
Width	0,74 m
Weight	
- antenna	3.1 kg
- bag	6.5 kg
Wind velocity	120 km/h
Temp. range (Oper.)	-40...+65°C
Temp. range (Stor.)	-55...+75°C
IP rating	IP 65



Unpacking procedure

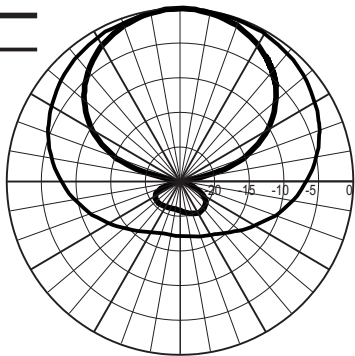


Packing procedure

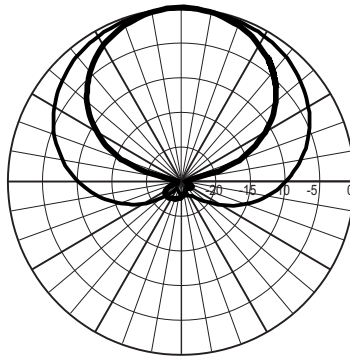


AD-22/B-F

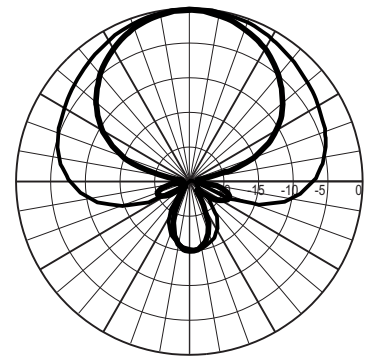
E plane ———
H plane ———



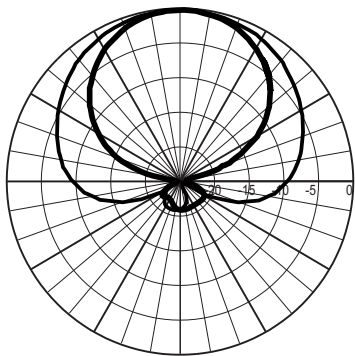
225 MHz



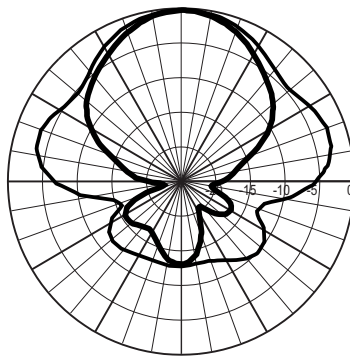
280 MHz



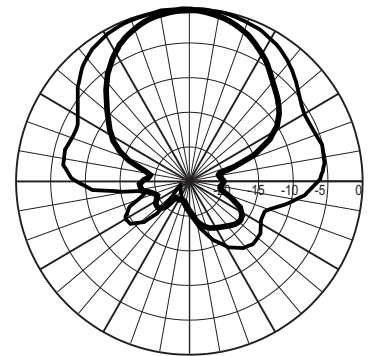
340 MHz



400 MHz



460 MHz



520 MHz