

The antenna AD-27/V120 is wideband monopole mobile VHF antenna intended for frequency range from 30 to 90 MHz. The antenna is designed for maximum possible gain and acceptable low VSWR with extreme short radiating element. The antenna is therefore intended for use on smaller vehicles, motorcycles, etc.

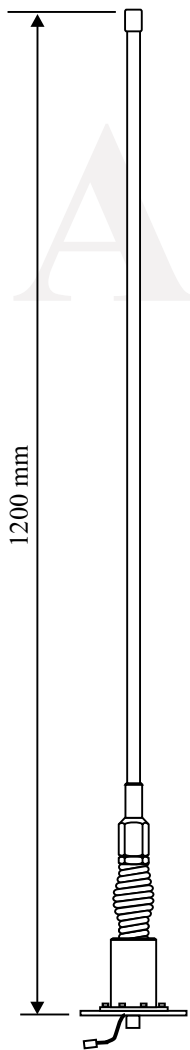
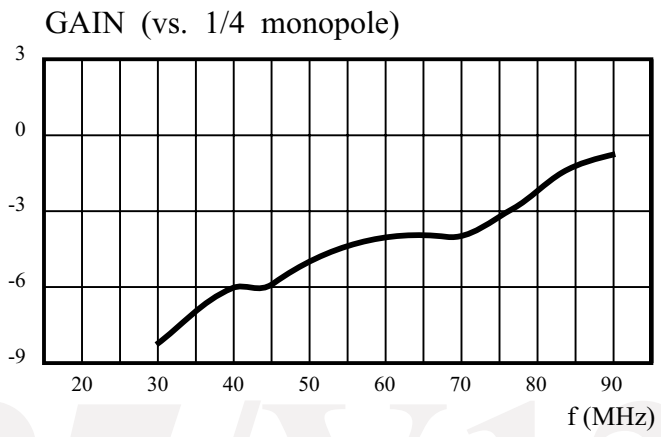
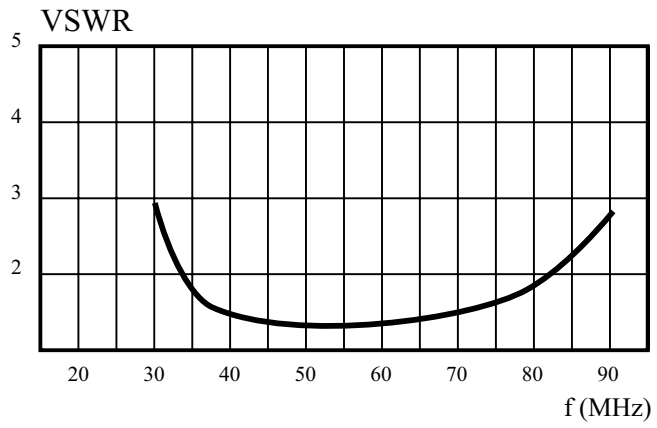
The antenna is composed of two parts: the antenna base and the radiating element. The antenna base is made of stainless steel and of composite materials. Inside the base is matching transformer unit. Powerful biconical spring protects the antenna against impacts. The radiating element is made of composite materials enable outstanding strength even in hardest conditions of use.

The antenna base has four mounting holes equally spaced on a 4.5" (114.3 mm) circle which complies with US army standard (AS-1729). Different base plate dimensions are also available on request.

The antenna is completely painted with military green (RAL-6014) two-component UV resistant paint.



TECHNICAL DATA	
Frequency range	30 - 90 MHz
Impedance	50 ohms
VSWR	< 3 (DIAGR. 1)
Gain	(DIAGR. 2)
Polarization	vert.
Maximum power	70 W CW
Connector	N (BNC)
Height	1.2 m
Mass of antenna	2.2 kg
Temperature range	-25 ... +55 °C



Stainless Steel Joint
1"-14 TPI

Biconical Spring

Composite Base

SS Screws M8 (4x)

SS Adapter Plate

Neoprene gasket

Grounding Wire

N female connector

