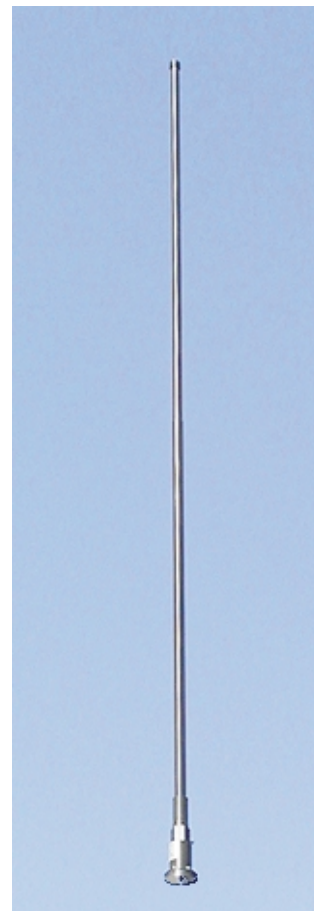


The antenna JAS-12/M is a wideband monopole, intended for use in VHF frequency range from 30 to 90 MHz. The antenna has the same electrical construction as mobile antenna AD-18/D but mechanically all radiating elements are enclosed in one conical tube made of epoxy fiberglass composite material. Therefore the antenna is mainly intended for stationary mounting and use on vessels.

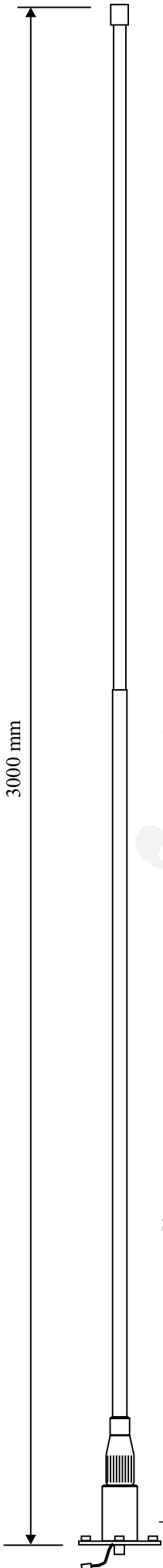
The antenna is composed of two parts: the antenna base and the radiating element. The antenna base is made of stainless steel and of composite materials. Inside the base is matching transformer unit.

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 plates could be also available on request.

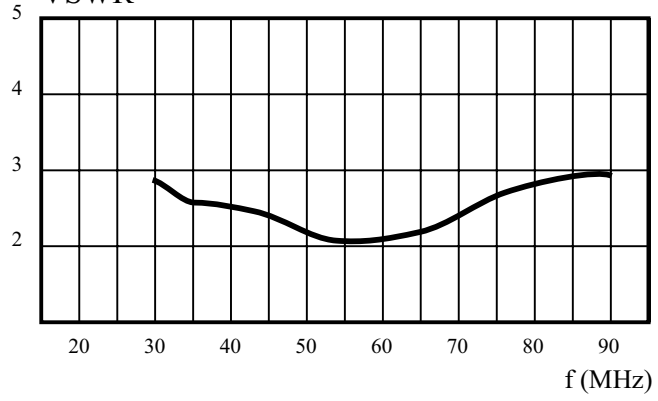
The antenna is completely painted with military green (RAL-6014) two-component UV resistant paint.



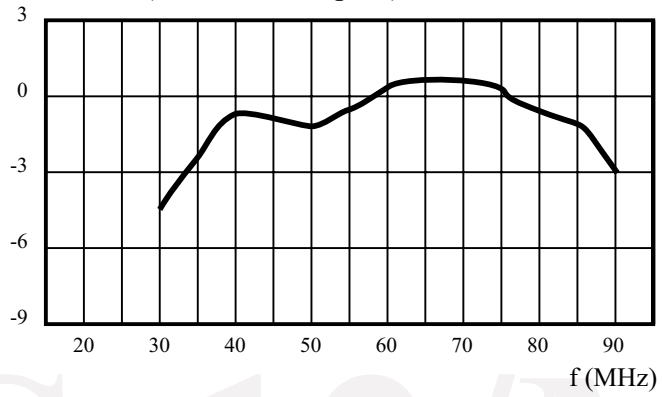
TECHNICAL DATA	
Frequency range	30 - 90 MHz
Impedance	50 ohm
VSWR	< 3 (DIAG. 1)
Gain	DIAG. 2
Polarization	VER.
Maximum power	70 W CW
Connector	N
Height	3 m
Mass of antenna	6 kg
Wind velocity	150 km/h
Temperature range	-40...+70 °C



VSWR



GAIN (vs. 1/4 monopole)



JAS-12/M

Stainless Steel Joint

M 40 x 3

Composite Base

SS Screws M8 (4x)

SS Adapter Plate

Neoprene gasket

Grounding Wire

N female connector

