

9 EL 2

2 m amateur band

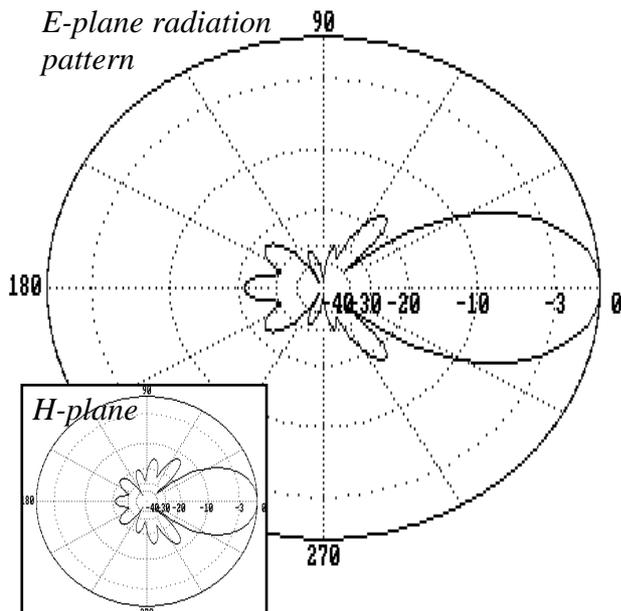
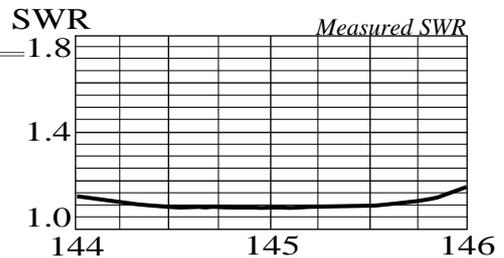
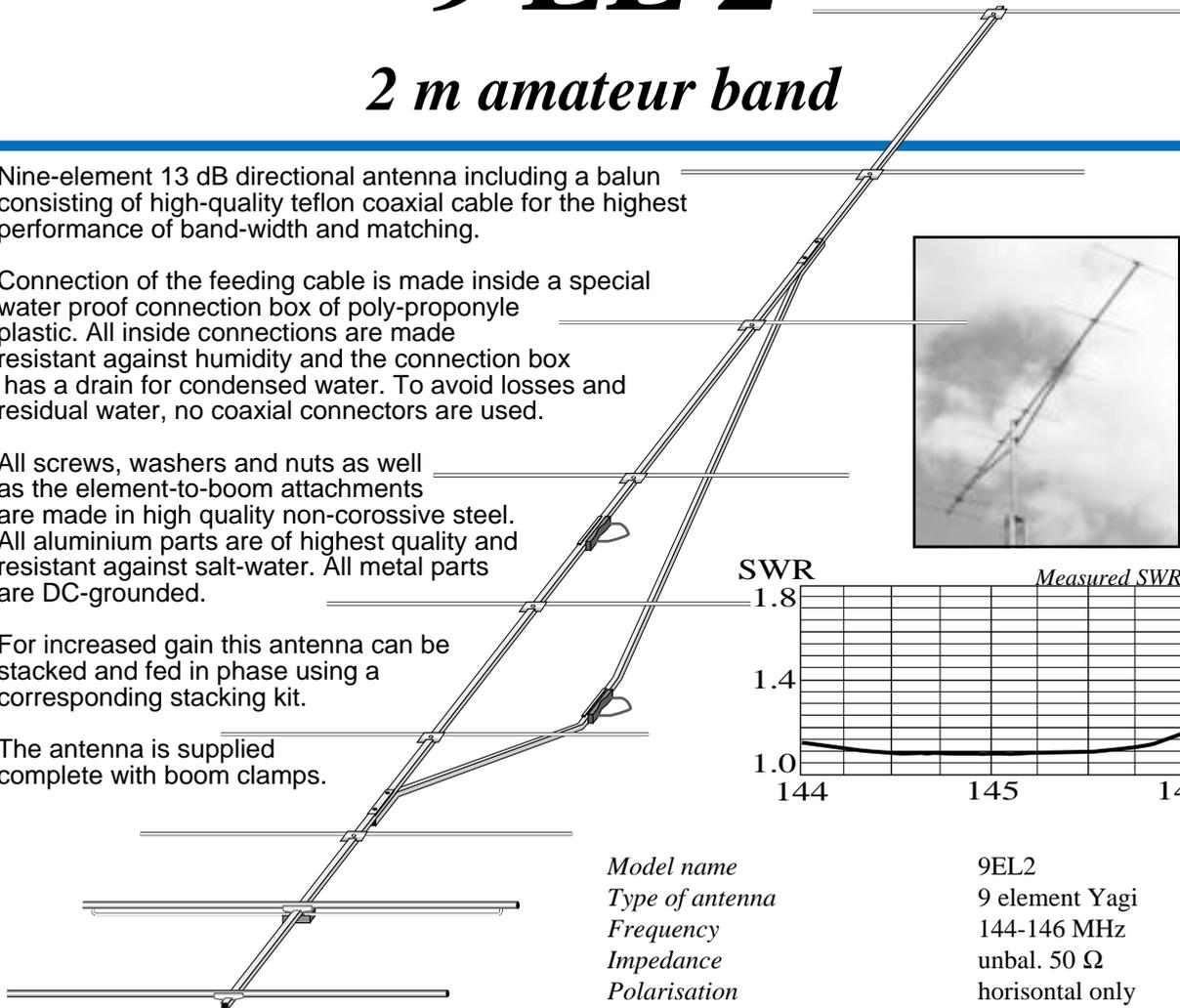
Nine-element 13 dB directional antenna including a balun consisting of high-quality teflon coaxial cable for the highest performance of band-width and matching.

Connection of the feeding cable is made inside a special water proof connection box of poly-proponyle plastic. All inside connections are made resistant against humidity and the connection box has a drain for condensed water. To avoid losses and residual water, no coaxial connectors are used.

All screws, washers and nuts as well as the element-to-boom attachments are made in high quality non-corrossive steel. All aluminium parts are of highest quality and resistant against salt-water. All metal parts are DC-grounded.

For increased gain this antenna can be stacked and fed in phase using a corresponding stacking kit.

The antenna is supplied complete with boom clamps.



Radiation patterns are calculated by computer

<i>Model name</i>	9EL2
<i>Type of antenna</i>	9 element Yagi
<i>Frequency</i>	144-146 MHz
<i>Impedance</i>	unbal. 50 Ω
<i>Polarisation</i>	horizontal only
<i>Gain</i>	12 dBd
<i>Front to back ratio</i>	22dB
<i>Half power</i>	35° (E-plane)
<i>Beam width</i>	40° (H-plane)
<i>Band width</i>	4 MHz
<i>SWR</i>	< 1:1,3
<i>Maximum power</i>	legal power
<i>Connection type</i>	inside box (no coaxial connector)
<i>Boom type</i>	sq. profile 18x18 mm with support boom
<i>Boom length</i>	4,5 m
<i>Wind load</i>	155 N (at 150km/h)
<i>Area</i>	0,115 sq. m
<i>Weight</i>	2,65 kg
<i>Antenna to mast mount type</i>	centered on boom and support boom
<i>Mast diameter</i>	38-65 mm

Made in Sweden by

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