

PRO.SIS.TEL.

Produzione Sistemi Telecomunicazioni

PST-40F wire dipole antenna

Installation instructions:

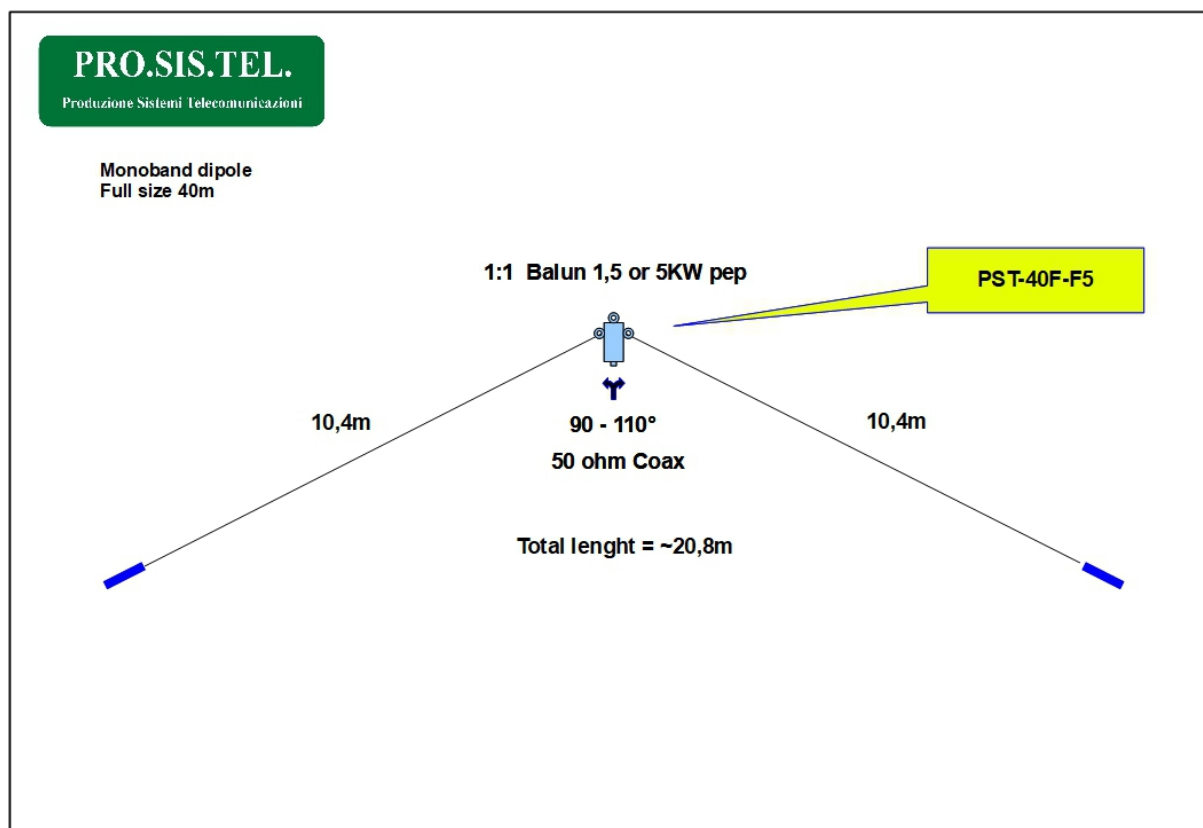
Unroll the two antenna wires arms carefully and be careful not to cause creases on the wires. The dipole can be installed open horizontally or best in Inv V.

For optimal operation, bring the top of the Inv. V at least 10-15m over the ground, greater heights will shift the resonance upwards, lesser heights will shift the resonance down.

Make sure to keep an arms opening between 90 and 110 degrees.

If necessary improve the tuning stretching and folding the length of the terminal. The proper operation can be influenced by environmental conditions.

If necessary do several tests and try the best condition. Tuning it remember longer element lower frequency, shorten element higher frequency.



Specifications:

Gain = 0 dBd

Impedence Inv V = 50 ohm

Balun 1:1 SO239

Max power pep: 1.5KW ssb, 1KW CW-TTY-FT4-8 or 5KW ssb, 2,5KW CW-TTY-FT4-8

SWR < = 1:1.5 band center (in the best installing conditions)

Length = about 20.8m

**Dimensions and specifications may also be different from the description,
without prejudice to the final performances.**

**DO NOT use the antenna on bands other than the projected ones, you could
damage the balun.**

Security Notice

Be responsible, avoid possible accidents

**Do not install the antenna near exposed power lines or other sources of electrocution risk,
you could be killed or seriously injured. Make sure that nobody can come into contact even
accidental with it during use**

**Install the antenna on supports adequately sized to withstand its load even in rushing wind
conditions.**

The fall of all or part of it could affect people and / or things with incalculable damages.

In the event the responsibility is to be charged exclusively to the user.

Dear buyer,

thank you for purchasing an antenna Pro.Sis.Tel ..

We have used the best materials available on the market, processed and finished with the best care
possible allowed by the state of the art.

Use it in the limits of use for which it was built and will serve faithfully for many years.

When in doubt or perplexity, our technical department is always available to provide all the
necessary support.

If you are satisfied tell the others, otherwise tell us.

Your opinion and your suggestions will help us to improve even more our products.

Best regards

Annamaria Fiume IK7MWR

This manual is an integral part of the product, keep it with care.

MADE IN ITALY

**Protect your environment, in case of discontinuing of this unit, consign it to specialized
metal waste collector.**

