

PRO.SIS.TEL.

Produzione Sistemi Telecomunicazioni

PST1-160F wire dipole antenna PST1-80F wire dipole antenna

Installation instructions, valid for both models:

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

For optimal operation, bring the top of the Inv. V at least 10-15m or more, 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 to improve the tuning, you can do it stretching and folding the tails at end of each one dipole arm. Longer tails terminals lower frequency, shorter tails terminal higher frequency. The proper operation can be influenced by environmental conditions.

Antenna could not cover the entire bands, you have to tune antenna on your usual band slot, If necessary do several tests and try the best condition.

Specifications:

Gain = 0 dBd

Impedence Inv V = 50 ohm

Max power pep: 1.5KW or 5KW pep ssb, 1KW CW-RTTY (depends of which model you get)

SWR 80m = 1:1 center band (usefully bandwidth 180Khz)

SWR 160m = 1:1 center band (usefully bandwidth 180Khz)

Arm length:

PST1-80F = about 21,5-22m for each arm

PST1-160F = about 41,5-42m for each arm

Warning:

Do not install the antenna near power lines or equipment that could result in electrical contacts.

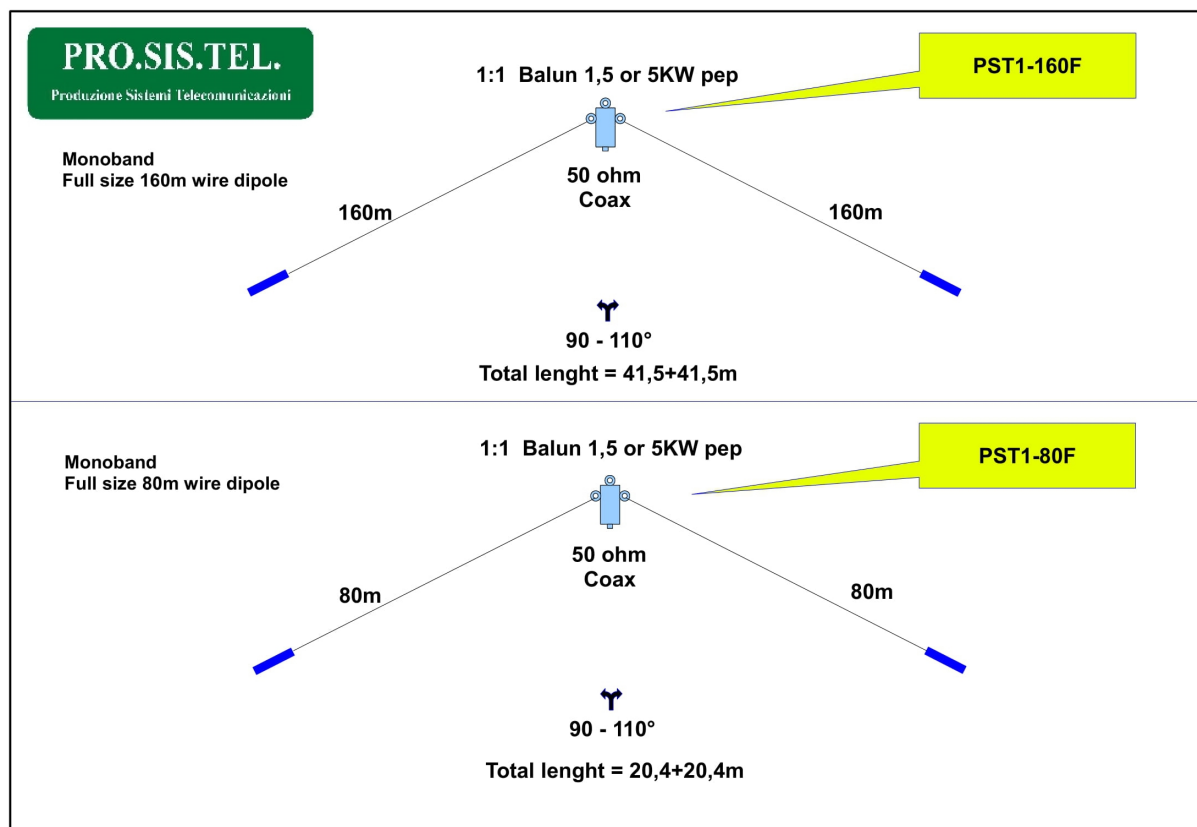
You could be seriously injured or killed.

The antenna must be installed in accordance with / local / national laws.

If necessary get a professional installer.

Prosistel can not be sued for damages for non-compliance of equipment rules.

For improvements and technical - production, specifications and design are subject to change, without affecting the final purpose of the product.



Dear buyer,

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

Making it we have used the best materials available on the market, worked and finished with the best care possible allowed by the state of art.

Use it within the rating for which it was built and will serve you faithfully for many years.

In case of doubts or concerns, our technical department is always ready to provide all the necessary help.

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

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

Best regards
Annamaria Fiume IK7MWR

Made in Italy

WARNING! Defend the environment

Disposing components and materials

The antenna consists mainly of aluminum, in the event of disposal, conferred the scrap to a specialized disposal center, in compliance with the requirements of local law.

