

PRO.SIS.TEL.

Produzione Sistemi Telecomunicazioni

Wire dipole PST-24FP- 34FP v.1.0

Description:

Full-size multi-band wire dipoles in parallel configuration.

Assembly instructions:

Unroll the two arms carefully, avoiding bumping any charges and taking care not to cause creases on the wires.

The dipole can be installed open or at Inv V.

For optimal operation, bring the apex of the Inv V to at least 5-6m from the ground, in any case as high as possible, greater heights will move the resonance upwards, smaller heights will move the resonance downwards. Make sure to maintain an opening between 90 and 110 degrees.

Any retouching of each single band can be done by lengthening or shortening the corresponding terminal.

Stretch to lower the resonance point, shorten to raise the resonance point.

Proper operation can be affected by environmental conditions. In case, do several tests and look for the best condition.

Specifications:

Gain = 0 dBd

Impedance Inv V = 50 ohm (if installed and optimized at best)

Maximum power: 1.5KW pep or 5KW (depends on the version chosen)

SWR 20-40 and 30-40m version = <1.5: 1 on all bands (practically all useful bandwidth)

SWR 20m = <1.5: 1 in the middle of the band (useful band about 250Khz)

Values referred to antenna with vertex at about 10m with respect to the ground.

Length = as per the drawings of each single model, each single antenna is made slightly longer than necessary so that it can be calibrated more easily (the lengths are indicative and may vary in the final calibration)

Do not use the antenna outside the foreseen bands, working in the stationary wave regime, the balun could overheat even with low powers and be irreparably damaged.

Attention:

Do not install the antenna near equipment or power lines it could accidentally come into contact with. You could be seriously injured or killed.

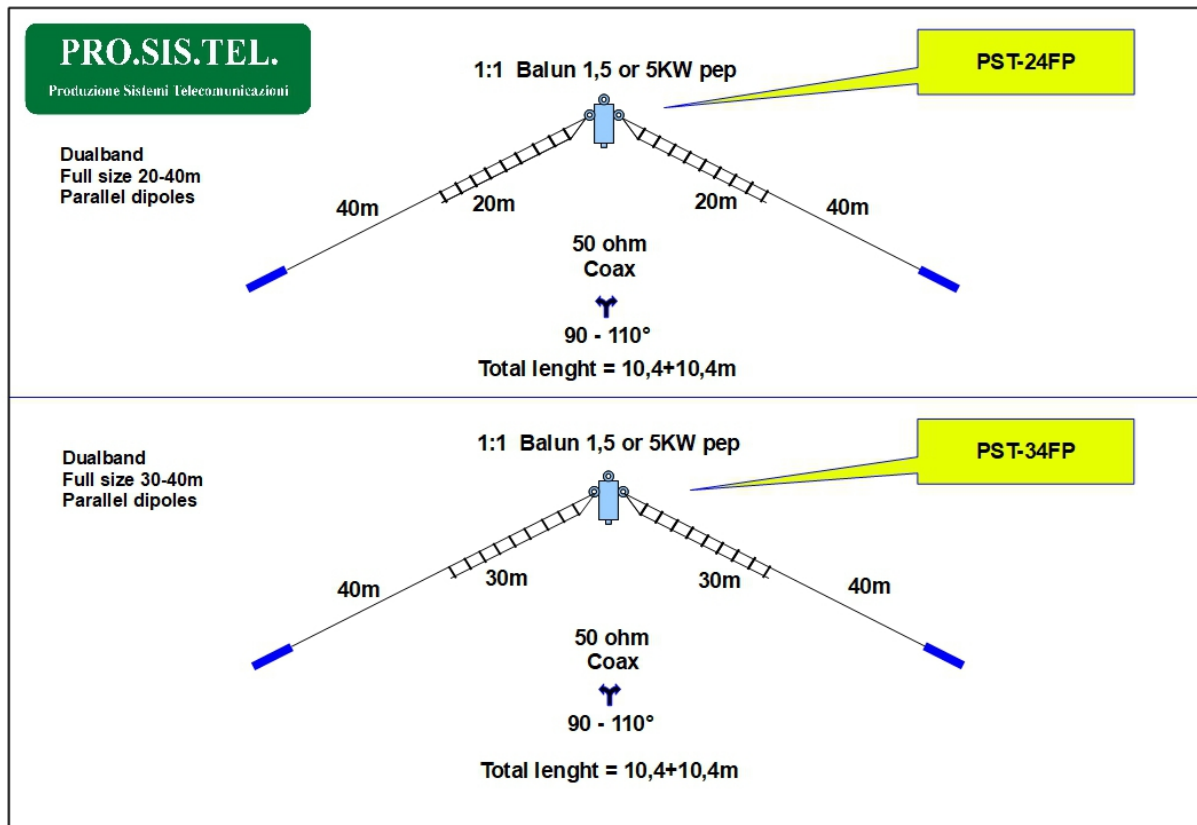
Install the antenna in compliance with local / national safety and prevention regulations.

If necessary, use a professional installer.

Prosistel will NOT be held responsible in any way for any accidents.

This manual is an integral part of the product and must be kept with care.

For technical and improvement reasons, specifications may be changed, without prejudice to the final purpose of the product.



Dear Buyer,

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

The best materials available on the market were used in the construction, processed and finished with the best possible care allowed by the state of the art.

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

In case of doubts or concerns, our technical department will always be available to provide you with all the necessary support.

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

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

Sincerely

Annamaria Fiume IK7MWR

Made in Italy

Warning!

Defend the environment

In case of disposal, deliver the product to a material collection and recovery center as per local / national regulations.

