

PRO.SIS.TEL.

Produzione Sistemi Telecomunicazioni

PST-4816FP-FP5 - Parallel wires dipoles

Assembly instructions:

Carefully unroll and unfold the two arms of the dipole avoiding creasing the wires.

The dipole is designed to be installed as an inverted V, if installed horizontal it will have a impedance of about 75ohm with an swr of about 2:1.

For optimal minimum performance, bring the top of the dipole to at least 9-10m over the ground, higher will improve performance and raise resonance, lowering will decrease performance and resonance.

Make sure that the opening angle if mounted as inv. V is between 90 and 110 degrees to get an impedance close to 50ohm. Experimentally try the best opening.

If necessary in the calibration phase, shorten the terminals of each band equally by wrapping excess strictly on itself.

By shortening you go up in frequency, by lengthening you go down in frequency.

The resonance can also be influenced by environmental conditions, especially in the presence of nearby metal obstacles. Some antennas do not cover the entire band, just in case tune it in the most used band slot.

Specifiche:

Gain = 0 dBd

Impedence Inv V = about 50 ohm

Max power pep: 1.5KW or 5KW pep ssb, 1KW CW-RTTY (dipends which model you got)

SWR 40m = < 1:1,5 center band

SWR 80m = < 1:1,5 center band

SWR 160m = < 1:1,5 center band

Arms length:

PST-4816FPC = 40 -80 e 160m, about 11-22-41,5m for each one band

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.

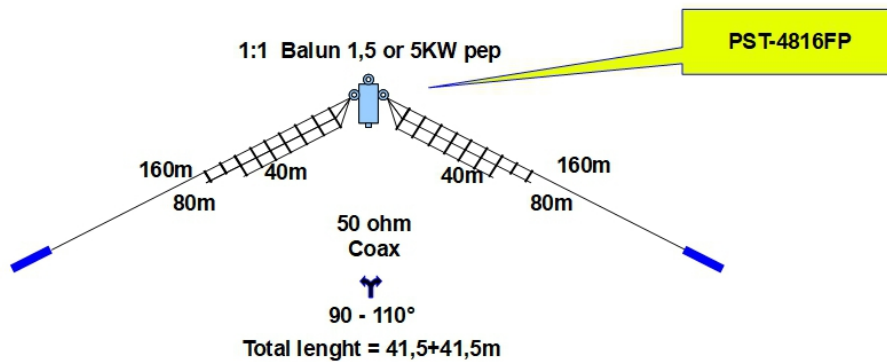
This manual is an integral part of the product and must be kept with care.

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

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Multiband
Full size 40-80-160m
Parallel dipoles



Dear Buyer,

Thank you for purchasing a **Pro.Sis.Tel** product.

In building it we used the best materials available on the market, finished with the best possible care allowed by the state of the art.

Use it within its specifications and it will serve you for many years.

In case of doubts we are always available to provide all the necessary answers.

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

Your opinions and suggestions will help us to further improve our products.

Best regards

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.

