9:1 UNUN
BY ZS1X

CAUTION
1. Do not over tighten the connections for your radiating wire and counterpoise. This will ensure that the connection bolts are not loosened.
2. The UNUN is rated at maximum 150W.
3. Always seal the PL259 to prevent water entering the coaxial cable.

INSTRUCTIONS
1. This UNUN has a 9:1 ratio and is designed for portable operation on transceivers with an internal tuner. It can also be used for permanent installations.
2. The UNUN is perfect for long wire type installations. Shorten the wire until you are happy that the bands are tuneable that you wish to operate on. The same length of wire can be used for the counterpoise but is not critical. Usually a 12 meter piece of wire should be sufficient, depending on your installation.
3. Buildings and other structures might have an influence on the operation of the UNUN. It is therefore important to find the correct length of wire for your particular situation.
4. It is suggested to run the radiating wire in a vertical fashion. Note: The wire does not have to be exactly vertical and the excess wire can also slope down in a different direction. This is particularly helpful in a space restricted area.
5. Make sure that you run your radiating wire through the eye bolt in a loop around the thimble and tie it off with the supplied cable ties. Use both cable ties to prevent the wire from slipping. This will take the strain off the ring terminal and ensure proper connection. Be sure to leave a loop with enough wiring between the thimble and the connection bolt of the radiating wire for any movement.
6. To ensure proper connection, solder the wire to the ring terminal after crimping it.
7. Connection Points: RADIATING WIRE CONNECTION = “+”, OPPOSITE SIDE = COUNTERPOISE

NOTE:
Not all transceivers with internal tuners have the same capabilities and specifications. Some tuners are more forgiving when it comes to tuning antennas where others are more restricted, therefore it is important to find the correct length of wire as mentioned above.

The UNUN has two breather holes next to the SO239 socket. Please keep them clear to allow the UNUN to breathe.

Please feel free to contact me for any advice.

Thank you for purchasing the "ZS1X 9:1 UNUN".

73’s
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