

1 : 1 CURRENT BALUN

160m to 6m

by ZS1X

CAUTION

1. Do not over tighten the connections on the sides of the BALUN. This will ensure that the connection bolts are not loosened.
2. The BALUN is rated at maximum 150W.
3. Always seal the PL259 to prevent water entering the coaxial cable.

INSTRUCTIONS

1. This BALUN is a 1:1 Current BALUN and based on Guanella's design.
2. The BALUN is perfect for portable work due to its compact size.
3. This BALUN is designed for dipole antenna's and will work very well in the Inverted "V" configuration.
4. Make sure that you run your dipole wires through the eye bolts in a loop around the thimble and tie it off with the supplied cable ties. Use two cable ties on each side of the thimble 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 dipole wires for any movement.
5. To ensure proper connection, solder the wire to the ring terminal after crimping it.

NOTE:

Your antenna wires need to be cut for the specific frequency that you intend to operate on. Check the SWR with a suitable meter.

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

Please feel free to contact me for any advice.

Thank you for purchasing the "ZS1X 1:1 Current BALUN".

73

Dirk Lotz

ZS1X

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